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WALLACES' FARMER AND Iowa Homestead

Good Farming *Clear Thinking* *Right Living*

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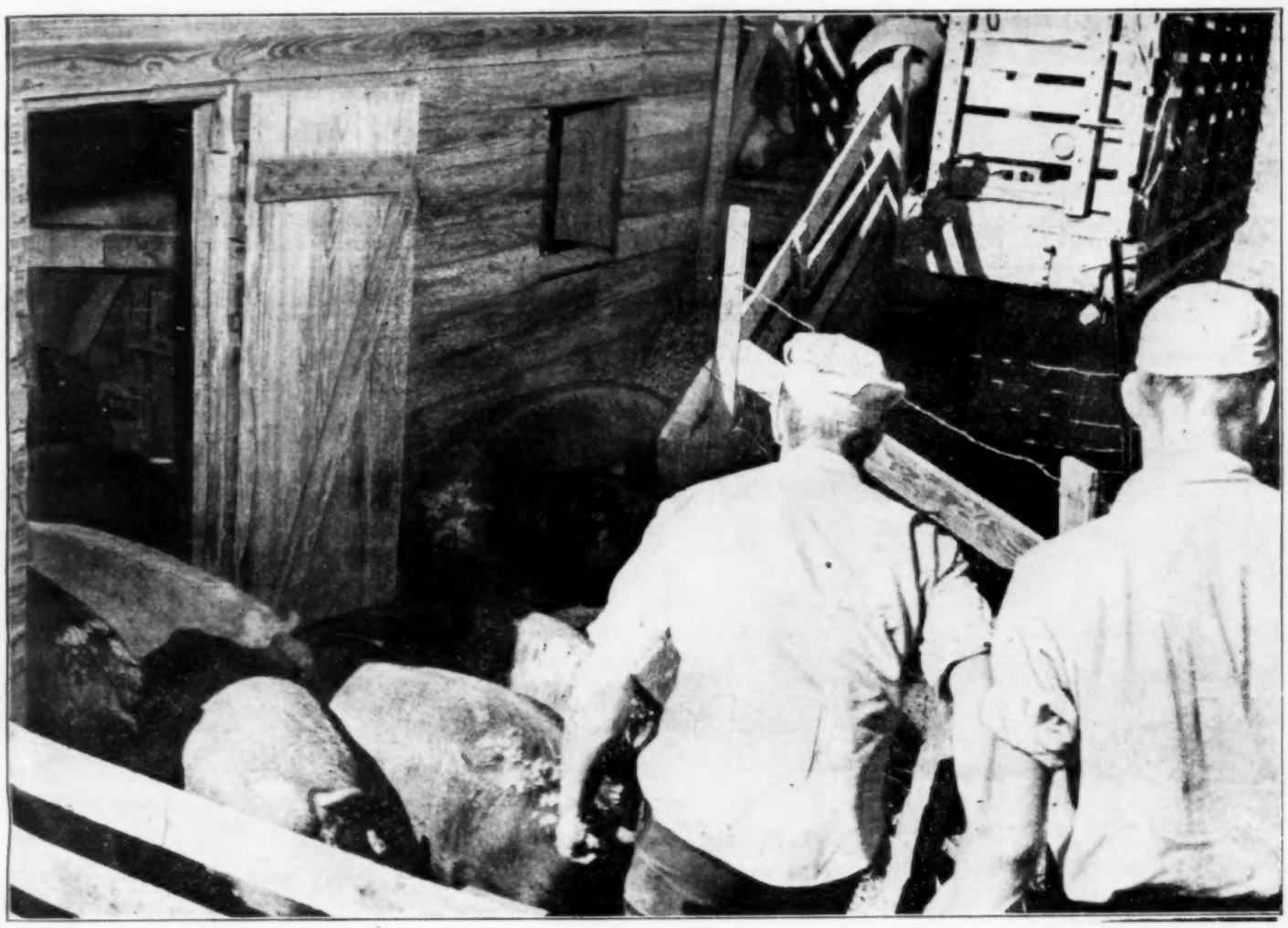

These Pigs averaged 200 pounds, went to market before September 1. Glenn McCabe, of Henry county, Iowa, is doing the loading. There were many other Iowa farmers, like McCabe, who had their pigs come early this year, and are marketing them lighter than a year ago.

Sell Light, Early

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Planning To Feed Cattle? . . Page 26

Clinton Still A Good Oat . . Page 30

THAT'S what many corn belt farmers are doing with their spring pigs. Early this month, shipments of hogs to market were 25 per cent larger than in the same period a year ago. And the average weight was down 15 pounds.

If hogs continue to roll in at selling points at the same rate, receipts for September may come close to the record month of September, 1943. That could make trouble this month, but might ease the market pressure in December.

If farmers continue to top out their herds, sell steadily, and keep average weights down to 200 pounds, the winter market may look better than most folks have expected.

SEPTEMBER 17, 1949

IOWA'S LEADING FARM NEWSPAPER

Are you paying for traction you don't get?

New Super-Sure-Grip goes where other tires won't—yet doesn't cost you a penny more!

Just think back to those times when tire slippage held up your tractor work—when ground conditions and heavy drawbars stalled your tractor and cost you valuable time and fuel.

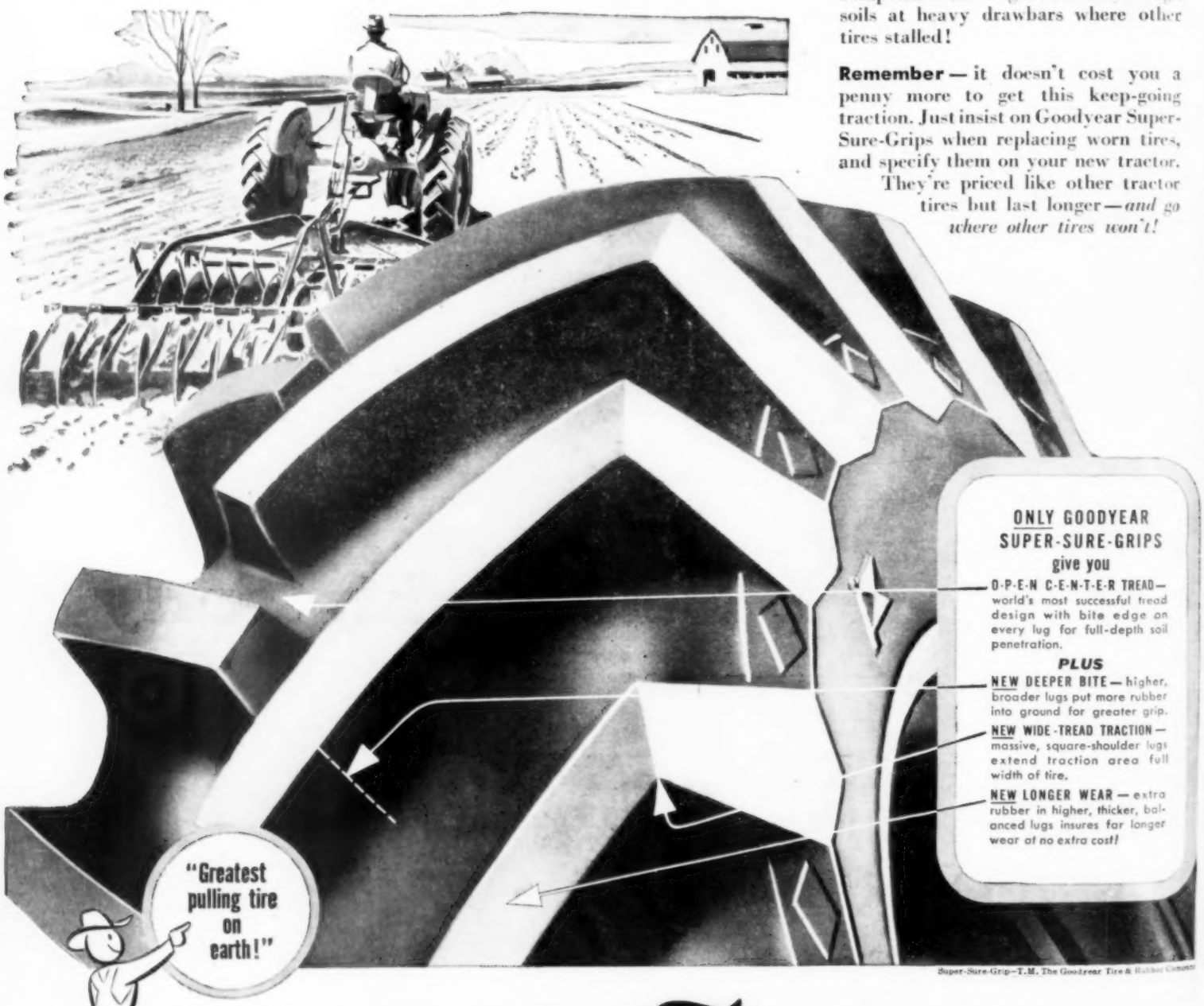
Now it's different. Now you can get traction when and where you need it most—with Goodyear's sensational Super-Sure-Grip tractor tire. *It goes where other tires won't—keeps your tractor working where it couldn't work before.*

That's because this full grip-and-pull tire has all the proved superiorities of Goodyear o-p-e-n c-e-n-t-e-r design PLUS deeper bite, longer wear and far greater traction—*all at no extra cost to you.*

A look at its tread shows you lots more rubber in the lugs—which means lots more rubber *in the ground.* Bigger, broader, longer, *high-shoulder* o-p-e-n c-e-n-t-e-r lugs that grip like a deep-toothed gear wheel—giving you super-long wear and "the greatest pull on earth!"

Proof? In field test after field test, this amazing Super-Sure-Grip outpulled competitive tires—got tractors through soils at heavy drawbars where other tires stalled!

Remember—it doesn't cost you a penny more to get this keep-going traction. Just insist on Goodyear Super-Sure-Grips when replacing worn tires, and specify them on your new tractor. They're priced like other tractor tires but last longer—*and go where other tires won't!*



Super-Sure-Grip—T.M. The Goodyear Tire & Rubber Company

GOODYEAR

Super-Sure-Grip Tractor Tires

"OUR EGGS COST US ONLY 15¢ A DOZEN..."

Says Roscoe C. Platt, Wells County, Indiana

Mr. and Mrs. Roscoe C. Platt shown going over their record books. Roscoe is one of Indiana's outstanding small-unit farmers. He cooperates closely with Purdue University; is a leading grower of birdsfoot trefoil; raises about 80 hogs a year, and is building a choice herd of Aberdeen-Angus cattle in addition to his poultry. His farm is often visited by good management farm "tours" where his superior farming methods are studied.

. . . because we use our farm as a "feed factory"

"Our 75-acre farm is a 'feed factory'—we raise our own grain and roughage for feeding to livestock and poultry. And to make a profit, we've got to get full value from every pound of feed we raise.

"So, we buy only the proteins, minerals and vitamins necessary to balance our home-grown feed so that it does give us full feeding value. That's why we feed MoorMan's.

"For example, we've found that MoorMan's Poultry Mintrate 40 supplies all of the proteins, minerals and vitamins necessary to make our home-grown feeds the most complete, and yet the most economical, laying ration we've ever used.

"Last winter our 185 hens averaged 73% production from Nov. 1 until late spring. Our egg-production costs, including prices we would have received from our home-grown feed used, Poultry Mintrate 40, labor, original cost of the chicks, and even electricity, was less than 15 cents per dozen eggs.

"We made a dandy profit."

Ask your MoorMan Man how you, too, can balance your home-grown feeds with MoorMan's Poultry Mintrate 40—which contains *only* the *extra* egg-making and thrift-building proteins, minerals and vitamins your flock needs. If no MoorMan Man is available, write MoorMan Mfg. Co., Dept. S-9, Quincy, Ill.

FOR GOOD RESULTS WE FEED MoorMan's MINERALS AND PROTEIN CONCENTRATES

MoorMan's

Since 1885

MAKERS OF PROTEIN AND MINERAL CONCENTRATES FARMERS NEED, BUT CANNOT PRODUCE ON THE FARM

WALLACES' FARMER AND IOWA HOMESTEAD. September 17, 1949 (Vol. 74, No. 18). Published first and third Saturdays of each month, by the James M. Pierce Corporation, Des Moines, Iowa. Subscription price, one year for One Dollar. Entered as second-class matter October 19, 1929, at the post office in Des Moines, Iowa, under the Act of March 3, 1879. Copyright, 1949, by the James M. Pierce Corporation.

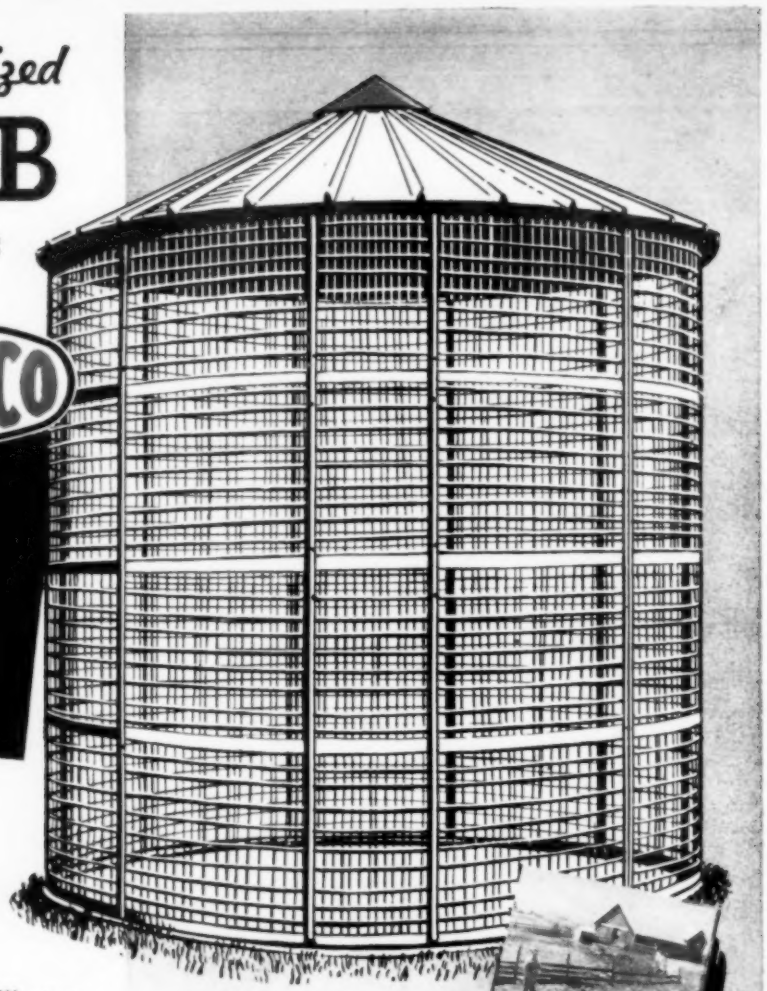
The ONE and ONLY *All-Galvanized*

CORN CRIB

with Galvanized Steel Angle Supports at every important point . . .

originated by **HABCO**

THE CRIB THAT IS CAPTURING THE HEART OF THE CORN BELT



Featuring exclusive "Galvannealed" triple-life, copper-bearing bar mesh making HABCO the Crib designed to STAND UP through YEARS of PROFITABLE STORAGE

For approved government storage, buy the crib that will save you money, MAKE YOU MONEY . . . HABCO, the original ALL-GALVANIZED Corn Crib, designed and developed by the HABCO MANUFACTURING CO., to give the corn belt farmer the HIGHEST POSSIBLE QUALITY at the lowest per bushel price. Exclusive "Galvannealed" triple-life, copper-bearing bar mesh is built into a minimum number of sections for quick, easy erection and is reinforced with galvanized steel angles and galvanized bars at every important point to insure long-standing, profitable storage through years of use. Famous Butler galvanized metal bin roof on all HABCO cribs makes this "tops" in value. HABCO cribs immediately available in either 1100 or 1680 bu. capacity. Have your dealer 'phone in your order TODAY!!

ORDER HABCO TUNNELS AND VENTILATORS WITH YOUR CRIB ORDER

Tell your dealer to order HABCO tunnels and ventilators at the same time he orders your HABCO cribs. HABCO tunnels and ventilators, designed for HABCO cribs, will help you insure better, safer storage, and proper drying. Insure full government support price for your crop and order HABCO cribs, tunnels and ventilators AT ONCE. If your dealer does not handle HABCO products at present, USE HANDY ORDER COUPON AT RIGHT, and fill in the name of your farm equipment dealer. HABCO will give immediate attention to your request.

CONTACT YOUR DEALER AT ONCE or mail this handy coupon TODAY!

EASY TO ERECT

No extra work or special tools required. HABCO Cribs have a minimum number of sections for quick erection.

All sections, including door sections, fit easily and quickly together.

The BUTLER Roof comes in easy-to-handle sections and is installed in much the same way as side sections. Regular roof sections are bolted to each side of the manhole section after they are lifted into place.

Once erected the HABCO Original Corn Crib will STAND UP through years of profitable storage. Complete, easy to understand instructions accompany each crib.

RUSH THIS COUPON *Today!*

SPECIFICATIONS:

TWO sizes: 1100 or 1680 bu. capacity. Smaller mod. 14 ft. diam. and 16 ft. high. Larger mod. 18 ft. diam. and 16 ft. high. WALL SECTIONS: 5 gauge "Galvannealed" triple-life, copper-bearing bar mesh, fastened to 70" wide framing of 1½" x 1½" x ⅛" galvanized steel angles and five ⅛" x 1½" galvanized steel bars. Galvanized angles are punched at 6" centers for bolting with 5/16" galvanized bolts and nuts. DOOR SECTIONS have same construction as wall sections, 3' wide. Galvanized bars ¼" x 1¼" reinforce doorway at 4' intervals. ROOF is famous BUTLER galvanized metal bin roof with cone cap on 22½" diameter opening and one reinforced manhole on side of roof for easy filling by elevator.

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HABCO MANUFACTURING CO., Columbus, Nebr., U.S.A.

Creators and Manufacturers of the famous Habco 'Jet-Dri' Crop Drier

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Gentlemen: ☐ Rush additional information on Habco Cribs and Ventilators.

☐ Please reserve.....HABCO All-Galvanized Corn Cribs—size .....1100 bu. or.....1680 bu. together with..... Tunnels and.....Ventilators in my name and notify my dealer of approximate delivery date.

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MY POST OFFICE.....

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I understand the prices of HABCO CORN CRIBS ARE:

1100 Bu.....$318.50 1680 Bu.....$438.50

Tunnels and Ventilators $2.00 each.

All prices are f.o.b. factory.

Hands Off? No!

WALLACE-HOMESTEAD POLL ASKED:

"Which of the following statements comes closest to your views on what the government should do about the food surpluses?"

1. Let the government keep its hands off. Farmers will be better off in the long run if supply and demand are allowed to set the price	19%
2. Governmental action of some kind is necessary to prevent severe price slumps	64%
3. Undecided	17%

Women Like the idea of moving the surplus thru use of school lunches and Food Stamps. That's the way Mrs. Ray Rimathe, Story county, Iowa, voted. So did 53 per cent of the farm women who thought government should do something about surpluses. Men (see below) thought different.

Do WHAT With The Surplus?

BACK when farm product prices were booming, and when the government was trying to hold prices down, some farmers said:

"Why don't they let us be. We'll get along fine if nobody bothers us."

There weren't many such farmers, even then. How many are there now?

Now, only 19 per cent say: "Let the government keep its hands off." And 64 per cent say: "Government action of some kind may be necessary."

There's a political split here.

	Rep.	Dem.
1. Keep hands off	30%	14%
2. Let government help	57	73
3. Undecided	13	13

Age, tenure, farm size, Farm Bureau membership—none of these makes much difference. But politics does.

Two-thirds of the farm people in this Wallace-Homestead Poll say the government should do something to prevent a slump when surpluses pile up. But what?

Feeding the surplus of food to our own people thru Food Stamps, school lunches, etc., gets the big vote, especially from women. Production control comes next.

Here, again, politics makes a difference.

	Rep.	Dem.
1. Production control	23%	37%
2. Feed surplus at home	49	42
3. Ship abroad	13	8
4. Not sure	15	13

Young farmers are most hopeful about production control. Older farmers—who have tried it—are least hopeful.

Farm Bureau members come out strong for school lunches and Food Stamps.

Here are just a few comments:

"Don't produce surpluses. If we keep demand above supply, we'll always be okay."—Franklin County.

"School lunch program wouldn't take care of surpluses. The kids would just eat less at home if they were fed at school."—Bremer County.

"Keep labor and industry going. Then they'll have cash to pay well for butter, meat and eggs."—Audubon County.

"Let's not get excited about surpluses yet. It's foolish to worry about a surplus until it's in the bin."—Kossuth County.

"I think we should control crops. Every time we take off a crop, we take something out of the soil."—Union County.

Eat Surplus Food At Home

If you think governmental action is necessary to prevent severe price slumps, and if we seem likely to produce food surpluses, WHICH OF THE METHODS OUTLINED BELOW WOULD YOU PREFER TO USE TO PREVENT THESE SURPLUSES FROM LOWERING FARM INCOME?

	Men	Women	All
1. Don't produce the surplus. Use production controls, acreage allotments, marketing quotas, etc.	37	20	29%
2. Feed surplus to our people, thru expansion of school lunch plan and revival of Food Stamp plan	39	53	45%
3. Send surplus abroad, as gift to hungry people overseas	11	10	11%
4. Not sure	13	17	15%

Men Were 37 per cent for production control, 39 per cent for eating up surplus at home. Raymond C. Juve, Winneshiek county, voted for production control.

Editorials

Tell Hog Men What To Expect

WHAT's the support price for hogs in October? Nobody knows. According to word from Washington, nobody will know until near the end of September.

That's too late.

A farmer has to start early in heading hogs for a particular market. Everybody who can make it is probably getting hogs to market in September. But those who must sell later need a better guide than they have now.

Earlier in the season, Secretary Brannan—very sensibly—announced that hog prices from October thru next March would be supported at the six months' average of 90 per cent of parity.

But what a farmer needs to know is this: How low will supports fall in December? Down to $14, or how much? And will the January price be enough higher to pay to head hogs for that market?

"Forward pricing" — telling farmers what the support price will be on a week-by-week basis—can help to avoid market gluts, spread supplies out more evenly, and help the farmers, the packers and the consumers.

But farmers must have this information early enough for it to do them some good.

'Hoppers Were Here

So were corn borers. That's why the blades of corn look like the edge of a cross-cut saw. And why some ears are sagging low.

Glen Stevens, Hamilton county, Iowa, says that grasshoppers moved into the first rows of corn when he cut roadside weeds. He expects a good 'hopper-borer crop in 1950.

If You Could Get Two More Pigs Per Litter

WHEN the folks at Beltsville, Md., fed B-12 to hens, their eggs produced healthier chicks. The death loss on chicks for the first week of life went down sharply.

Will feeding Vitamin B-12 (or the animal growth factor or the animal protein factor) do the same for sows and their pigs?

It seems likely. W. N. McMillen, of Michigan State College, says: "We are wondering now if B-12 will help to get better production from sows just as it helps get better growth in pigs."

On pigs, there isn't any question about the effect. To results at Iowa and other stations can be added a Michigan State experiment, where pigs getting B-12 gained 1.5 pounds a day while consuming less feed than the control pigs that gained slightly less than a pound a day.

We hope many farmers will try out feeds containing B-12 on their brood sows. An increase of two pigs saved in each litter would pay for a lot of feed.

What Color For Farm Buildings?

ALL-WHITE buildings on the farm give the place a striking appearance, especially from a distance. Every building, large or small, is set out against the dark background.

For the close-range view, the all-white painting job may put the house in the background. The larger barns and cribs seem to dominate.

Therefore, some choose white for the house and red or brown for the cribs and smaller buildings. This painting scheme plays down the larger buildings and sets out the house as the center of the farmstead.

Some like an all-color job. It's a matter of taste. And the farm owner should choose what he likes rather than follow the accepted rules or customs. He and his family have to look at the buildings every day.

On the cost side of painting, the dark colors will save you some money. White paint or the lighter colors cost more than the dark colors.

And white paint must get an extra coat oftener than the dark colors. It is like a white shirt—it may not be dirtier than a colored shirt, but the spots show up a lot more.

Anyway, nothing improves the appearance of a farm more than new paint. And September is a good month to apply paint.

Livestock Men Left Out Of Bill

THE compromise farm bill now being considered by congress does not do much for livestock producers. It keeps corn, wheat, tobacco and cotton at 90 per cent of parity for 1950, but doesn't hold out much help to livestock.

That's going the wrong way. We need less support for grains, cotton, tobacco, and more for meat, milk and eggs.

Why Boys Leave Farm

Some Want More Money And Others Less "Bossing"

HOW many young farmers in your neighborhood are operating the same farm their fathers worked a few years ago? Of these, how many have stayed on that farm—except for time at school or in the services—since boyhood?

Add them up. The total won't be large.

Yet sometimes we act as if it were the usual thing for a boy to grow up on his father's farm, learn how to work it, and take his father's place.

Actually, a lot of things upset this pattern.

Sometimes the farm is a one-man farm. The boy, grown up, can't make a living on it unless the old man gets off. And the "old man," at 40 or 50 years old, isn't ready to step out for a young man of only 20 or 30.

Sometimes the farm is a second-rate rented farm, with the father not doing too well. So the boy looks for a better job in town, or in working for a more skillful or more lucky farm operator.

Sometimes the farm is big enough to support two families. And the boy is urged to stay on the farm. But he leaves anyway.

AMONG several hundred land-owners surveyed by the corn belt colleges, as reported in the bulletin, "Farm Ownership in the Midwest," over half worked in town for some time before they became owners. Others, who eventually returned to the home farm, worked or rented away from the home farm for years before they came back to buy.

When the farm is big, when both father and son can find room for their energies on the place, why can't father-son plans be worked out?

We hear of plenty of reasons. Here are two:

1. No definite plans for transfer of ownership or control. Too much talk like this: "You stay with me, John, and I'll see you don't lose by it." That's no substitute for a definite contract.

2. The old man bosses too much, is too resistant to new ideas. That's what the boy thinks. The boy is too brash, wants to try too many "fool new ideas." That's what the old man thinks. The two can't get along.

FOR one reason or another, many boys rent away from home, come back only when the old man is willing to give up control and move to town.

Two generations on the same farm still have trouble living together.

Maybe we need ways to train boys from poor farms for good jobs in town or on farms. Then help later to start some to farming. For boys from good farms, maybe the problem is to show old men and young men how to get along together.

That's quite a job. Adam's boys left home because they couldn't stand the old man bossing them. And Adam's great-great-great-etc.-grandchildren still act in the same way.

Where Truman, Republicans, Should Agree

"SOUNDS like a Democratic campaign speech," said one Republican farmer after President Truman's talk at Des Moines on Labor Day. "If he's for production payments, I'm against them."

But can you be a good Republican and be against production payments? The Hope-Aiken law, passed by a Republican congress, provides production payments in 1950. And Aiken, Republican senate leader, wrote to the editor of Wallaces' Farmer and Iowa Homestead recently:

"With reference to production payments, I certainly favored using them on the basis provided in the Agricultural Act of 1948. It was my thought then that such payments should be used, at least on a trial basis, to see how they worked. . . . I still would like to have seen them tried on a modest scale."

Do you remember what production payments are? If the support price of hogs is $18, and the market price drops to $16, you can use one of two methods to see that the farmer gets his $18.

You can buy pork on the market, store it, and try to force the price of hogs back to $18. Or you can let the price drop to $16, and give the farmer a check for $2 on the hogs he sold. That two-dollar check is the production payment.

Since Secretary Brannan and Senator Aiken both favor production payments, what's the argument about? It's about the level of supports.

Senator Aiken, for instance, thinks the high, rigid supports of the Brannan plan will cost too much. Secretary Brannan disagrees.

That argument will continue. But, no matter which price level is chosen, congress will have to agree on how it is to be backed up.

Wallaces' Farmer and Iowa Homestead continues to urge that production payments be used. We're glad to have bipartisan support for this position.

School Bell **won't ring again for children of Missouri Bend school, Hamilton county, Iowa. This fall, Dolores Osborn, 9, and other children of the neighborhood, ride the bus to a larger school at Stratford. Dolores isn't sure that she's going to like it.**

Odds *and* Ends

NOBODY is worrying about frost catching the corn this year. But soybeans could still be hurt.

THERE may be 4 per cent more grain-eating animals on hand next January 1 than early this year. That won't be enough to eat up much extra corn.

HOGS are going in light this fall. In late August, a 232-pound average at 11 markets in 1948 dropped down to 217 in 1949.

CORN yields on many farms have shrunk since August 1. Did drouth do it all? Or how much can be charged to low fertility, corn borers, grasshoppers, etc.?

IN 1948, Iowa crop reporters said they baled 57 per cent of their hay, and chopped 9 per cent. The rest was left long and loose. Even more was baled in 1949.

FREEZER space is being lined up by the government to hold the pork that will have to be bought this fall and winter. Pork buying and storing is expensive and inefficient, but it is the only type of support permitted under the present law.

ONE potato county last year got 64 million dollars in government checks for surplus potatoes. It cost the government 25 million dollars more to dispose of the potatoes.

CONGRESS still forces the Department of Agriculture to use these extravagant methods of support. Production payments would cost less, help consumers and get food eaten up.

SUPPORT prices for hogs last year had the following low points: October, $16.25; November, $15.25; December, $15.25; January, $15.50; February, $16.50; March, $17.25; April, $16.50, and May, $16.25.

SUPPORTS weren't needed last year. They will be this year. But the level may run 50 cents to a dollar lower.

WHICH county is using the most fertilizer and limestone this year? In 1948, according to the Iowa assessors' reports, Clinton county spread the most limestone, and Kossuth county the most fertilizer.

IF FARMERS had used all the tricks which are now available for corn growing, they could produce a crop as big as the present one on one-third less acres. This is the statement of Dr. Robert Salter, chief of the Bureau of Plant Industry, USDA.

Song of the Lazy Farmer

I KNOW that ev'ryone grows old, but still it's shocking to behold the evidence that someone dear is slowing down from year to year. At least, I guess that's what is wrong, Mirandy isn't going strong like she did when nobody found a cleaner house for miles around. But now the morning starts to fade before she gets the beds all made, and dishes from two meals or three pile up for visitors to see. But even worse, when I suggest we hire a girl so she can rest, Mirandy flares right up, by gee, and tries to pin the blame on me.

She claims she's just as good as e'er at doin' her housework with care. The trouble lately, she maintains, is that with all my aches and pains I sit around all day indoors so she has got to do my chores, and that means all her work is stopped 'til cows are milked and hogs are slopped. Besides, she says, old men like me are lots more work than young ones be, especially when so many kin and friends are always droppin' in. All would be fine if, she avers, I'd do my work or help with hers; which goes to prove again to me, I should keep my mouth shut, by gee.

These Cattle went from hay to a full feed of corn in one day. They are Nebraska sandhill feeders on the Walter Passmore farm, Wright county, Iowa. Read story for more details.

He Puts Cattle On

Full Feed In 24 Hours

By LEE THOMPSON

"PUT cattle on a full feed of shelled corn in 24 hours? It can't be done." This was the reaction of one Iowa cattle feeder when he first heard of the system.

But, for the past 12 years, H. C. Hiemstra, veteran Wright county, Iowa, cattle feeder, has been doing exactly that. He figures he has fed at least 500 head of cattle since he started using his system.

What about foundering? Hiemstra has never had one founder while using his 24-hour system of bringing cattle to full feed. "Sometimes they have scoured a little," he admitted. "But I've had less trouble with scouring than when I used to put cattle on feed gradually."

Walter Passmore, Hiemstra's nephew, who farms 320 acres, also in Wright county, has used his uncle's 24-hour system on three bunches of feeders. Out of 85 head of steers and heifers Passmore has fed, only one has scoured. But even that one never went off feed.

This is the way Hiemstra's system works:

He usually has his cattle on alfalfa-brome pasture or on alfalfa-brome hay. "If your hay isn't good enough to make the cattle fill up well, you can add a little oats," Hiemstra says.

"Feed them all the hay they will clean up in the morning, plus a little oats if needed. As soon as they clean up the hay, start feeding them corn before they get a chance to get hungry.

"I started 40 head about the first of March this year. After that bunch had cleaned up the hay, I put out about 10 scoops of shelled corn. After that was gone, I put out about 12 scoops more, and so on during the day. By evening, the cattle were on full feed.

"From then on, I feed them all the corn they'll eat twice a day," Hiemstra says.

Passmore follows the same method. "I put out the corn, then drive the cattle up to the bunks. They won't eat much corn, but they'll eat some. Then I chase them back to the feed bunks every two hours during the day," he said.

"We leave corn in the bunks overnight and keep corn in front of the cattle from then on," Passmore continued.

"The main thing," Hiemstra says, "is not to start cattle when they are hungry. They have to be filled first. Then, when you start feeding corn, give them all they will eat the first day. You have to go all the way, or you had better not start."

Every cattle feeder knows that the touchiest point in bringing cattle to full feed is just when they are approaching full feed. By then, the cattle have developed a craving for corn. Their digestive systems aren't used to a full feed of corn. But their appetites for corn have grown.

Hiemstra's system gets away from this difficult period. He gets the cattle eating a full feed of corn before they have developed a great liking for it. He safeguards their digestive systems by making sure they are full when they are first offered corn. And he never lets them get hungry that first day.

Hiemstra says he would like to see Iowa State College run an experiment comparing his system with the usual gradual approach. He has never used a check lot to compare the two methods. But he is convinced his method is a better way to bring cattle to full feed. Twelve years of feeding cattle have proved his system in practice.

Will Hiemstra's 24-hour system work for the average feeder? We don't know. Hiemstra has fed cattle 28 years. Maybe every man can't handle cattle as he does.

If any cattle feeder decides to try the 24-hour system, he should keep in mind Hiemstra's caution: "You have to have the nerve to give the cattle a lot of corn that first day. You can't go half-way."

Here Is the man who for the past 12 years has been putting his feeder cattle on a full feed within 24 hours. He is H. C. Hiemstra, of Wright county, Iowa. The native Shorthorn beside him had been on full feed for about three months at time picture was taken.

Farm Family Sees Iowa Fair

ANOTHER Iowa State Fair is history. But it will be remembered for a long time by the thousands of Iowa farm families who were there. And especially by the youngsters.

Typical of many Iowa family groups making a trip to the fair are the Gerdon Kirks, Madison county. Some of the things they saw and did at the fair are pictured on this page.

As with many others, Gerdon Kirk's first problem in planning his fair trip was to find someone to do the chores. In Gerdon's case, that was simple. He farms on shares with his father, on the home place. So Gerdon did chores while his parents saw the fair. Then the older Kirk took over while Gerdon's family made the trip.

Where to stay in Des Moines was easy for Gerdon, too. He has a cousin in the capital city. So the Kirks repaid the frequent visits made by their city kinfolk to the farm in Madison county.

Most excited about seeing the fair, of course, were the two little Kirk daughters—Vicky Jo, 6, and Dixie Lea, 3. They made up for any lack of interest shown by their older sister, Colleen, 13. She, believe it or not, preferred to stay home and go to school.

Starting their tour of the Iowa State Fair, Mr. and Mrs. Gerdon Kirk, Madison county, visit the farm machinery displays. All set for a big day are daughters Vicky Jo, 6, and Dixie Lea, 3.

Atop the ferris wheel, the Kirk youngsters get a bird's-eye view of the fair grounds. Vicky Jo is at left, Dixie Lea in center. At right is their Des Moines cousin and hostess, Donna Mae Lehman.

Their dad was interested in real prize livestock at the State Fair, but Vicky Jo and Dixie Lea settled for this make-believe cow in an exhibit booth. Vicky wasn't afraid of the rubber mouth.

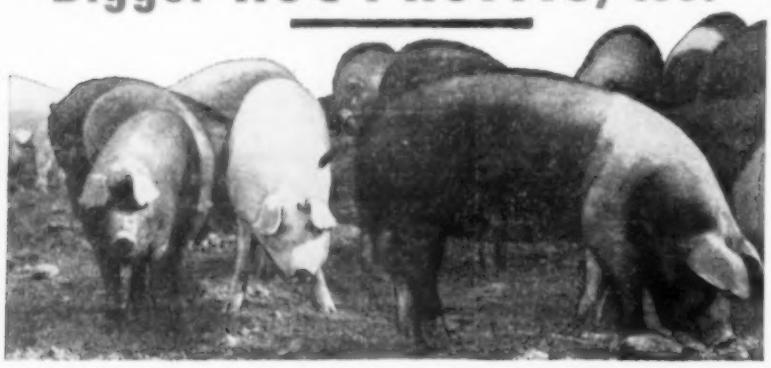
Real thrill for Kirk girls came when an honest-to-goodness Indian gave them feathered hats.

Poultry building gave the Kirk family a chance to compare prize birds with those in their own flock at home. Gerdon got permission to give the girls a closer look at one of the prize-winners.

It's the end of a big day, and Dixie Lea is tired out. Also, her toy balloon has just burst.

HOW TO GET MORE FROM YOUR CORN CROP

Bigger HOG PROFITS, too!



Sargents' 3-WAY PROFIT PLAN

If you feed hogs . . . and have a big corn crop, this sensible plan can almost double the value of your corn, and really boost hog profits, too. Here's how:

1 MORE FOR YOUR CORN

When you FEED your corn, and SUPPLEMENT it properly, its value nearly DOUBLES, in dollars and cents. Supplement with Sargent Minral Meal . . . the original 3-way supplement that's proven year in—year out how it can boost corn-feeding value.

2 LESS FEEDING TIME

Up to 60 days savings in feeding time, too, compared with feeding corn alone. Save feed, save time, save work, and MAKE MORE on your hogs.

3 SAVE ON SUPPLEMENT

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Feed that corn. Feed it RIGHT and DOUBLE its value. There's nothing to beat the original, genuine Minral Meal. Write for corn-booster circular today.

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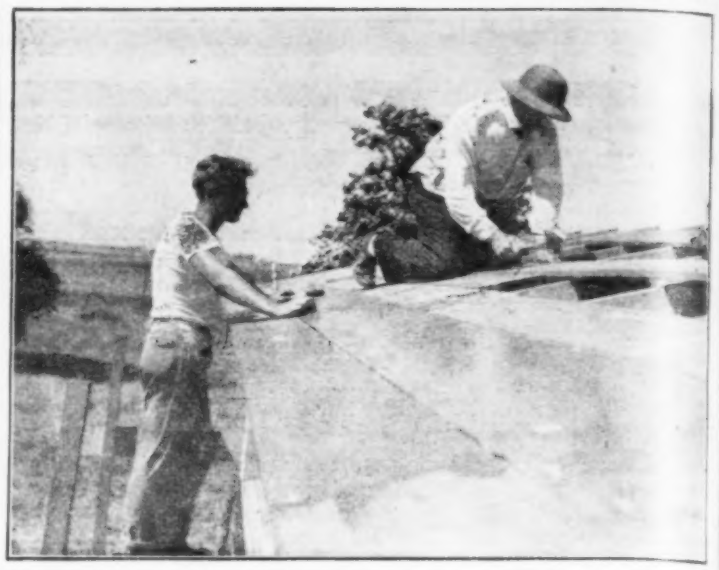

New Crib on a Mitchell county, Iowa, farm. William Hans and son Marvin are putting it up. Corn will be sealed in it this fall. This crib is one of two new ones, with a driveway between. Each is 40x7 feet, 12 feet to roof on inside of driveway, 10 feet on outside.

INSIDE STUFF

HOW HEAVY are you going to make your hogs? Sell 30 pounds lighter than you did last year, and you probably won't send any more poundage to market.

▲ ▲

THAT WOULD help hog prices this winter. But it wouldn't shrink your stock of corn very much.

▲ ▲

"I'VE GOT a bigger crop of corn than last year," said a young farmer from Winneshiek county, Iowa. "But two miles away, the yield is cut one-third."

▲ ▲

THAT'S THE KIND of story I keep hearing from a lot of places. Local showers skipped around, kept one field green, missed another and let it dry out.

▲ ▲

FARMERS are exchanging reports of experiences with sprays last summer. One man told of a neighbor who put 2,4-D on corn shortly after side-dressing with nitrogen.

▲ ▲

A RAIN CAME. The corn was growing several inches a day. And the 2,4-D took hold pretty hard.

▲ ▲

"HE DIDN'T actually kill more than one per cent of the corn plants," was the report. "But the field certainly looked like it had been thru a war."

▲ ▲

MORAL IS: Spray while the weeds are growing fast, but while the corn isn't.

▲ ▲

"I RAISE MY PIGS when the other folks aren't doing it," said a visitor from Linn county, Iowa. "My fall pigs are coming in November, and I'll sell in corn-planting time."

THAT TAKES comfortable pens, warm water, lots of care. But it makes money for a man who is good with hogs.

▲ ▲

"SOUTHERN IOWA looks good this year," said a man from Lucas county. "Some of those fields are raising corn for the third year. By rights, the yield ought to be down. But it isn't."

▲ ▲

SOME FARMERS got their first good scare on corn borers this summer when the moths from the first brood plastered themselves over the windshield on a night drive. Too late then to do anything about the first brood, of course.

▲ ▲

"BETTER SPRAY within five days after the egg masses show up," said one man. "If it turns real hot, three days is better."

▲ ▲

BIGGEST COMPLAINT at the Iowa Fair was from folks who waited in line for hours to buy reserved seats in the grandstand. A mail-order sale, available to farmers two weeks early, would please many.

▲ ▲

THE APPANOOSE county Farm Bureau says 715 farms in that county are on mud roads. That makes the problem of school reorganization really tough.

▲ ▲

"I SENT MY HOGS in at 210 this year," said a man from Johnson county, Iowa. "Sold 'em all, too, before September 1."

▲ ▲

NOT EVERYBODY feeds hogs that well or that fast. But more farmers are talking about topping out the herd when the pigs hit 200 pounds.

DONALD R. MURPHY.

WALLACES' FARMER AND IOWA HOMESTEAD

(Volume 74—Number 18)

DANTE M. PIERCE, Publisher

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The perforated steel floor permits air to pass upwards through the corn quickly removing excess moisture. Drying is by natural ventilation or may be speeded up by using a blower or heater. Play safe with a Martin. Avoid having to make good on your crop loan for corn spoiled or destroyed because of unsafe storage.

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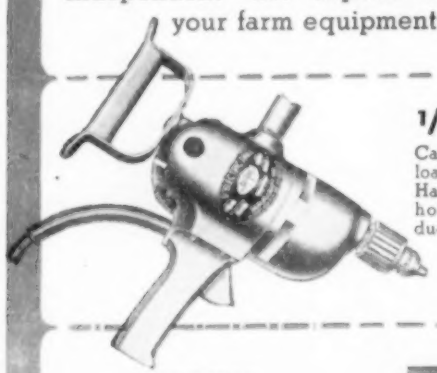

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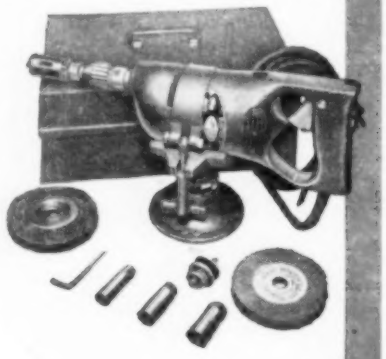

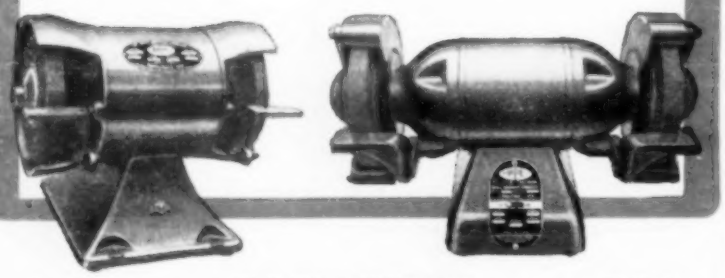

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If Hogs seem like a better deal than hens—or vice versa—Oscar Suhr, of Dodge county, Minnesota, can convert this hen or hog house in a hurry. Here, Oscar and son, Wayne, get one-piece farrowing pen partitions out of storage, slip them into place. Next, they'll unhook roosts and nests, sell the hens, and be all set for pigs.

Hog Farmer Wants Feed Reserve

Resealing Program Is A Nuisance, But Necessary, Says Cash Grain Farmer

HOW you farm may affect your views of the corn storage and resealing program. There are livestock farmers and cash grain farmers. If you stand around where cribs are sold, you can hear both give their views.

A farmer from the cash grain area of Iowa was looking at the crib and bin exhibits at the Iowa State Fair and talking to himself:

"This corn storage is a nuisance." He walked over to take a look at another crib as he continued: "But corn would be selling for 35 cents a bushel if it wasn't for this nuisance business."

GRAIN FARMER'S PROBLEM

The farmer who sells lots of grain is all fouled up with his cribs full of sealed corn and another good crop in the field. But many grain farmers, like the State Fair visitor, see the benefits of the sealing and resealing program.

The farmer who sells lots of grain knows that storage space will be valuable to him in future years. So many of them are resealing for the 10-cent storage payment and using the crib and bin loans if necessary.

Of course, grain farmers are not forgetting the ups and downs of the farming business. They know that a feed squeeze and good prices for grain can, and often have, followed a price squeeze on corn.

Early reports on where the most resealing is going on are interesting. About 12 central Iowa counties were hurt by drouth this year. It is in these counties that most interest is shown in resealing.

HOG FARMER'S PROBLEM

What about the farmer who ordinarily feeds all of his corn to hogs and other livestock? But last year and this year he has some extra corn cribbed and maybe part of it is sealed.

These farmers usually hate to see corn go off the place. They don't like a year-to-year basis in their feeding operations.

This year-to-year basis is the usual method of carrying on feeding operations. But some livestock men see the possibility of operating on a more stable basis.

SET UP A CORN BANK

"A man who raises 100 pigs per year ought to keep at least 1,000 bushels of extra corn on hand all the time." That was said by a 120 acre Wright county, Iowa, farmer.

This farmer was talking about getting extra corn storage space so he could set up his corn reserve. And he was counting on the sealing and resealing program to get the feed reserve started.

Some hog farmers reason that resealing their corn is insurance against feed shortage. The corn can be delivered at the loan price plus the storage fee if the reserve supply gets too big.

Other feeders are not overlooking the possibility of resealing and buying "free corn" at lower market prices for winter feeding.

REACH SAME CONCLUSION

When the grain farmer and the hog farmer look at their own problems, they find themselves close together in deciding what to do with the corn surplus. Both are interested in keeping a grain reserve on the farm.

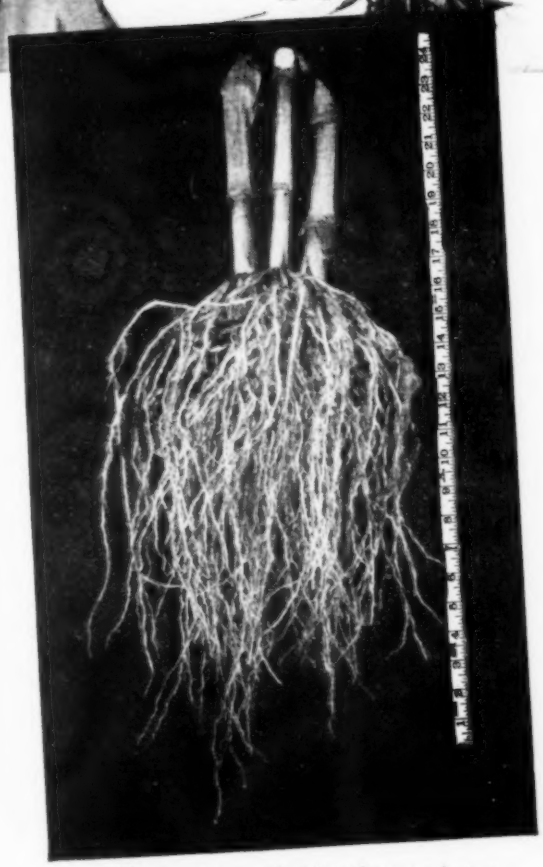
The grain farmer has a direct interest in supporting the market. That's why he puts up with what he calls the grain storage nuisance.

The hog farmer likes to have grain on his farm so he won't have to pay inflated prices in case of a short crop. To some hog farmers the big corn supply actually looks like an opportunity to set up a safe livestock feeding program.

The grain farmer and the livestock farmer have different reasons for their action. But the conclusion is the same—keep as much of the corn on the farm as you can.

Wind Could Not Blow it Over

This field of CROW'S Deep-Root Single Cross standing after January 1st. Note the absence of fallen stalks.



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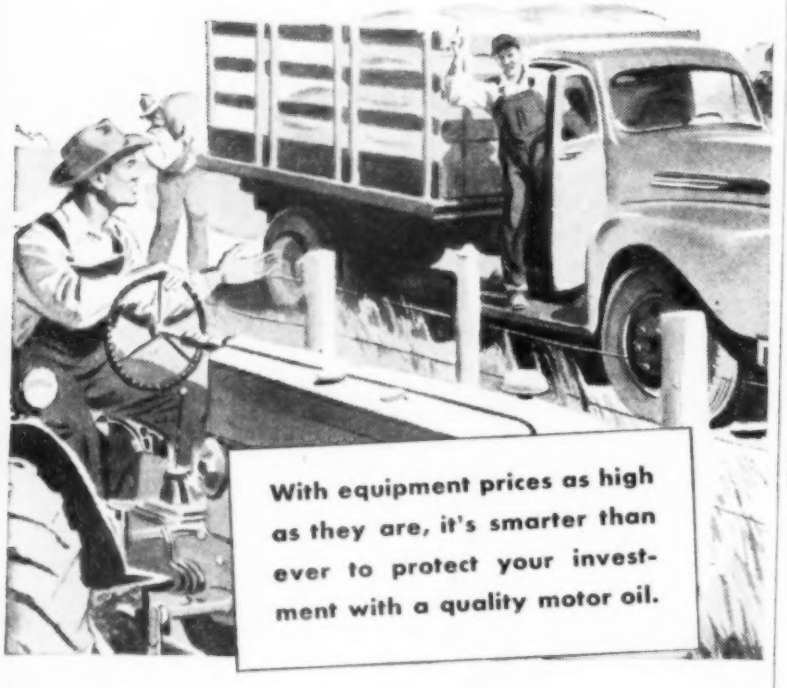

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Packers Uncertain On Pork Storage

Failure Of Congress To Decide On Support Plan Could Have Bearish Effect On Prices

Factors affecting farm prices this fall and winter are discussed in this article by Iowa State College Economist Francis Kutish.

GOVERNMENT storage policy—or, rather, an uncertainty over what it will be—is playing an important part in the outlook this fall.

Take hogs, for example. Packers normally put pork into storage during the fall and winter months. This pork comes out of storage the next summer, when farmers don't have so many hogs to sell.

This storage demand adds to the price of hogs during the heavy fall and winter marketing months. And it keeps the price to the consumer from going too high durin the light summer runs.

But packers aren't sure what the government hog price support policy will be after January 1.

Will the government support hog prices by production payments to farmers—letting the wholesale price of pork seek its own level? What policy will the government follow in disposing of the pork it may have to buy this fall to support hog prices?

These uncertainties make packers hesitate about putting pork into storage this fall. This hesitation may result in a lower hog price than would otherwise be the case.

Government storage policy also is affecting egg prices. All spring, the USDA bought dried eggs to support egg prices. In the face of this action, the egg trade did not store the usual number of eggs.

Now we don't have very many eggs in storage. And egg prices are higher than they otherwise would be. But the USDA is wondering what to do with the eggs it has stored away.

Other farm products affected by the government storing policy are butter, corn, wheat and oats.

SOYBEANS: Prospects for making a profit out of storing beans don't look as bright as during the last few years. For one thing, soybeans are selling high compared with corn. And exports of fats and oils won't be quite as large as last year.

So the BAE believes that prices of fats and oils are likely to continue low — unless consumer income and industrial activity reverse their downward trend.

PROTEIN FEEDS: Tankage is becoming more plentiful as hog slaughter rises. Oil meals are now quoted at sharp discounts. Yet there'll be the most livestock to feed in three years, and supplies will be about the same as last year. Any price drop in protein is likely to be temporary.

FEEDER CATTLE: Current feeder cattle prices are about $6 below a year ago. The general trend of business holds the key to what happens to feeder cattle prices the rest of the fall. If business weakens some more, so will feeder cattle prices. But if the business downturn is over, feeder cattle may show but little further drop.

FAT CATTLE: In other years following a big corn crop, fat cattle prices usually didn't get much higher during the fall months. The reason: With lots of corn, farmers were selling plenty of finished cattle all thru the fall.

HOGS: Continue to top out hogs as soon as they reach market weight. Hogs are coming to market faster than usual this fall. That means an earlier than usual seasonal price drop.

Efficient hog men can make money at an 11 or 12 to 1 hog-corn ratio. Price supports should guarantee such a ratio. So, if you are an efficient hog raiser, it will pay you to keep your production up.

LAMBS: The main question mark in the lamb feeding situation is over business conditions in December and January, when fat lambs will be coming back to market. Lambs which cost $23 will have to bring around $20 to pay for their feed.

EGGS: Larger flocks this winter will mean more eggs. And there will be plenty of beef and pork. So the seasonal drop in egg prices should come earlier than usual. And eggs probably will be at support levels most of the winter and spring.

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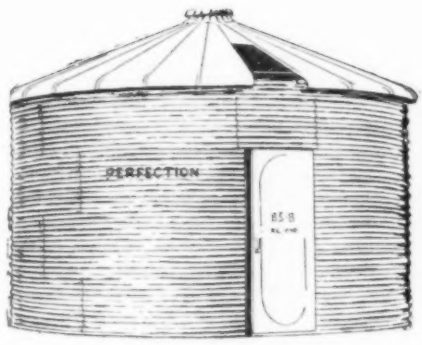

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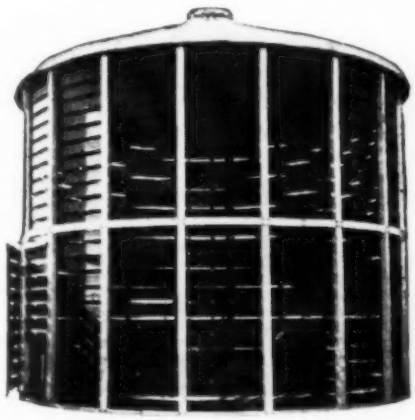

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O. J. Hess and son Ambrose, Dubuque county, Iowa, as they received the grand champion sow banner in the Poland show at the Iowa State Fair. Sow is junior yearling, Charming Lady.

Iowa Swine Show Outstanding

State Fair Breeding Classes Set New Marks For Quality And Uniformity

THE trend toward the medium, post-war kind of hog was never more apparent than in the 1949 Iowa State Fair swine show. It was evident that the various breed type conferences, the barrow shows and the efforts of individual breeders are getting results.

The goal is an easy-keeping kind of pig, one that will grow rapidly and economically and finish at around 200 to 220 pounds. He needs lots of ham, thick loins, long deep sides, trimness, good feet and good legs under a strong back and a smooth set of shoulders.

Hanging over the hog breeder today is a Damocles sword of lard. He can sell red meat, but lard is a drug on the market.

The winners of the blues and purples reflected the desires of the commercial hog man more than ever. The classes in almost every case were uniform deep down the line.

In the Poland China aged sow class, the first three sows were all daughters of Prestige, Illinois grand champion in 1946. The seventh place sow was out of a son of Prestige. Then the top sow in the senior yearling class was another daughter of Prestige.

That can and does happen with many bloodlines. In this case, it made for an outstanding example of uniformity in the classes and in the senior championship showing.

The Hampshire show also was a hot one. Judge Leon Frantz, Greene county, Iowa, Hamp breeder, called the grand and reserve grand champion boars two of the best he had looked at in a long, long time. The senior and grand champion boar, Master Model, comes from Edward E. Manning's Model Farm, at Mundelein, Ill.

Master Model was the sire of the junior and reserve champion boar, Duplicator. A litter mate was junior and reserve grand champion sow. Both of these pigs were exhibited by Model Farm.

The Berkshire show was not quite as large, but competition was just as keen. That was also true of the Chester White classes. Breeders in both these breeds seem well aware that a big part of their boar market comes from farmers who like Chester or Berk boars for their commercial pigs.

The Duroc show, as usual, was the largest. Two of the Plager boys, Wilbur, field secretary of the Iowa Swine Producers, and Carroll, who handles a lot of the details of the National Barrow Show, placed the red hogs.

'It's not so tough to walk into a ring with 60 or 70 spring pig entries and weed out the bottom 10 or 20 head. The test comes when you go to line up the top 10 or 15. This task faced the judges several times in the Duroc show.

In several of the Duroc classes, the Plager brothers called the tops outstanding or quite outstanding. It was a good sign of the future strength of Durocs in Iowa to see entries from younger FFA and 4-H herds well up in the money in several instances.

The Spotted Poland China show was smaller in numbers than some of the others. There again it seemed that Spots might be leaned more toward the type of hog farmers and packers want today.

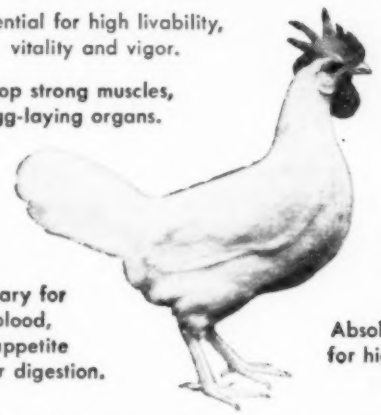
No Yorkshires were exhibited. Herefords and Tamworths were there, however.

HOW MANY $4.50 PULLETS CAN YOU AFFORD TO LOSE? A good pullet is worth about a dollar and a half cash plus the profit from the eggs she should produce. So she's worth about $4.50 to you. Facts show that pullet losses run about 17% in leading egg producing states. If you have 100 good pullets now and lose 17, it will cost you $76.50. See how important it is that you give pullets Nutrena Egg Feeds, stepped-up with Livium to help them safely through the strain of early laying?

Nutrena Egg Feed...Stepped-Up With LIVIUM

GIVES YOU A SAFE WAY TO GET MORE BIG EARLY FALL EGGS!

HOW LIVIUM WORKS:



Essential for high livability, vitality and vigor.

Helps develop strong muscles, full size egg-laying organs.

Protects against strain of heavy laying.

Necessary for high egg production.

Helps avoid laying slumps.

Necessary for rich blood, good appetite and proper digestion.

Absolutely essential for high hatchability of eggs.

***What Is LIVIUM?** LIVIUM is a scientific combination of vitamins A, D, B Complex, Riboflavin and the amazing Animal Protein Factor (B_{12}). It is added to Nutrena Egg Feeds to protect your poultry investment and help you get top egg profits. Only Nutrena knows the combination to LIVIUM.

SENSATIONAL LIVIUM IS FORTIFIED WITH APF (B_{12})

Helps Your Pullets Safely Through "Critical Period" And Into High Egg Production Fast

The Critical Period for a pullet begins when she is working to lay her first egg. Her body and egg-laying organs are not yet completely developed. Yet Nature says she must lay. If she robs her body to supply egg-making materials, she will be weakened and run-down when she should be in the bloom of health.

There are many body-building materials she needs during this Critical Period. She must also have ample egg-making materials if she is to give you more big early eggs. She depends on you for them.

Without your help she may not live to lay the eggs you expect from her. Nutrena Egg Feeds stepped-up with LIVIUM, are especially made to help your pullets live and lay and pay! Be Sure, Be Safe, Be Thrifty. See your Nutrena Dealer today!

BREEDERS: U. S. Dept. of Agriculture tests have proved APF is absolutely essential for high hatchability. If you want to get premium prices for eggs that hatch out strong, vigorous chicks, feed Crumblized Nutrena Egg Feed stepped-up with Livium.

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CRUMBLIZED Nutrena EGG FEEDS

Stepped-Up With LIVIUM ©1949

How milk protein can help you increase hog profits!

Feed KRAYLETS —80% milk products* with valuable, growth-promoting milk protein!

Proteins in feeds are *not* alike! One of the highest quality proteins you can buy is *milk protein*. It helps give lower quality (animal and vegetable) proteins a powerful boost. Now, you can feed this efficient protein easily and economically with *Kraylets*. It's Kraft's 80% *milk products* in dry kernel form.

Kraylets' rich milk protein puts *lower quality* proteins (in grains) to work. That's why thousands of Kraylets users report remarkable results—more pork for every pound of feed, important savings on grains, earlier market weight and fast, thrifty gains at *every* stage!

Kraylets is convenient, economical dry kernels! No water or waste! No fuss, freezing or flies!

You don't have to lug messy pastes or liquids when you give your hogs Kraylets. It's sanitary, handy *dry* kernels! And it's very economical to feed, too. A little goes a long way. You only need ¼ lb. per hog each day, hand-fed, mixed or ground with other rations. Kraylets gives regular feed a flavor and aroma that makes hogs eat more—helps pack on those thrifty *extra* pounds that pay!

**Kraylets contains 80% concentrated milk products*

The milk products in Kraylets are 65% cheese whey solids, 9% cheese solids, and 6% dried skim milk. The rest of the formula consists of 14% soybean oil meal, 4% alfalfa meal (dehydrated), 1% dried brewers yeast, and 1% edible beef tallow.

Find out about profit-boosting Kraylets from your dealer today!

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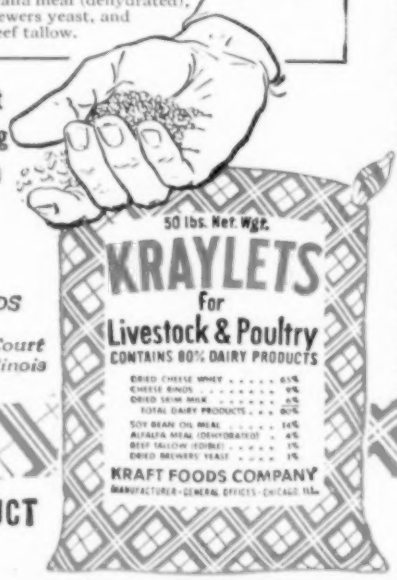

A KRAFT PRODUCT

Farm News Briefs

IOWA FARM Bureau Federation's annual convention has been set for November 28 thru December 1, in Des Moines. Program so far includes Senator Guy Gillette; Walter Reuther, president of the CIO United Automobile Workers; President Ray Wiser, of the California Farm Bureau, and Clarence Pickett, secretary of the American Friends Service Committee.

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CONTRACTS for construction of a new $96,000 swine nutrition building at Iowa State College got a final okay from the Iowa legislative interim committee this month.

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RECENT DEATHS: Mrs. Clyde Spry, wife of Iowa's assistant secretary of agriculture, at her Des Moines home, following an unexpected heart attack; Harry Slattery, former head of the Rural Electrification Administration, in Washington.

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IOWA STATE COLLEGE field days on the schedule for the rest of this month include those at: Pasture improvement farm, Albia, Sept. 23; Carrington-Clyde experimental farm, Independence, Sept. 27; Howard county experimental farm, Saratoga, Sept. 28; soil conservation farm, Clarinda, Sept. 29; western Iowa experimental farm, Castana, Sept. 30.

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PURPLE RIBBONS went to five of 83 teams competing in the 4-H boys' demonstration contests at the 1949 Iowa State Fair. The top five teams were: Delwyn and Norman Stromer, Hancock county; Glenn Freirie and Roger Hanold, Franklin; Stanley Byrne and Louis Wagner, Webster; Francis and Katherine Winter, Fayette; Ronald Byeroft and Drexel Lindquist, of Taylor county.

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FOUR IOWA farm folks are studying European conditions for the American Friends Service Committee. They are Richard Stevens, Iowa Farm Bureau vice-president, from Washington county; Martin Lauterbach, Hardin county; Mrs. William H. Davidson, of Cedar county, and Mrs. Louis P. Penningroth, Johnson county.

GOOD NEWS for dairy farmers this month was the USDA's report that dairy prices are moving slowly upward, while most other farm prices continue to drop. Butterfat prices climbed 1.6 cents a pound in the month ending August 15. Wholesale milk prices jumped from $3.71 to $3.87 per 100 pounds.

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DON ANDERSON, Pottawattamie county, was re-elected president of the Iowa Association of Soil Conservation District Commissioners. The group's annual meeting this month chose Ed Baur, Dallas county, as vice-president, and reappointed Secretary Allen Schroder, of Des Moines. O. D. Frink, Crawford county, was named second district director. Don Frakes, Wright county, represents the fourth district.

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NAMED IOWA'S TOP G. I. family for 1949 were Mr. and Mrs. Kenneth Kerr and their daughter, Connie, 4, Van Buren county. Kerr, a B-17 pilot in the European theater during the war, farms 183 acres near Keosauqua. The Kerrs were chosen from among nine district winners at the 1949 Iowa State Fair.

▲ ▲ ▲

SPECIAL EVENTS winners at the 1949 Iowa State Fair included: George Wells, of Dallas county, old fiddlers' contest; Luther Sammons, Wapello county, checker tournament; Marion Lang, Polk county, farmers' horseshoe pitching contest, and Jacob Hill, Hardin county, junior horseshoe tournament.

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COMING EVENTS: Interstate 4-H Show, Sioux City, Sept. 19-21; National Plow Terrace Contest, Cuming county, Neb., Sept. 20; Iowa Rural Electric Cooperative Association annual meeting, Des Moines, Sept. 21-22; Iowa Livestock Nutrition School, Ames, Sept. 23; Iowa Swine Producers Day, Ames, Sept. 30; Ak-Sar-Ben livestock show, Omaha, Sept. 30-Oct. 9; Dairy Cattle Congress, Waterloo, Oct. 3-9; American Royal Livestock Show, Kansas City, Mo., Oct. 15-22; Waterloo Meat Animal Show, Oct. 25-28.

Soybean Loan Rate Set

The support price for 1949 soybeans is $2.11. This is the base price for green and yellow beans with moisture content not to exceed 14 per cent.

The support price method will be loans and purchase agreements. Beans may be stored on farms or in warehouses.

If beans are stored on the farm, the owner is allowed 7 cents per bushel storage, payable when beans are delivered to Commodity Credit Corporation.

Premiums and discounts are the same as they were last year. For each 1 per cent moisture content below 12.7 per cent, 1 cent per bushel premium is allowed. Maximum premium is 6 cents per bushel for beans under 11.3 per cent moisture.

Discounts are made on beans weighing less than 53 pounds per bushel. On beans with more than 20 per cent splits, and for other damage above 4 per cent.

Loans and purchase agreements will be available from harvest time until January 31. Loans mature May 31, 1950.

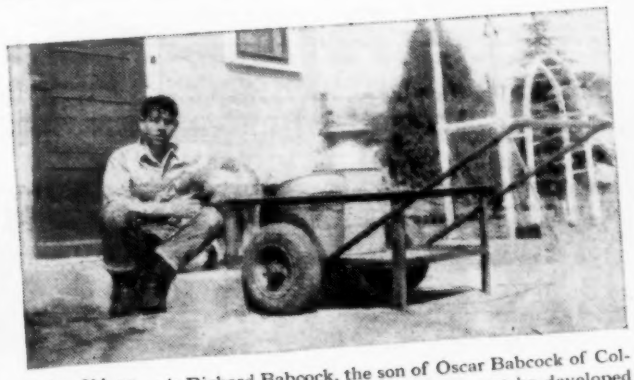
See your county AAA chairman for further details.

STANDARD

FARM NEWS-GRAPHIC

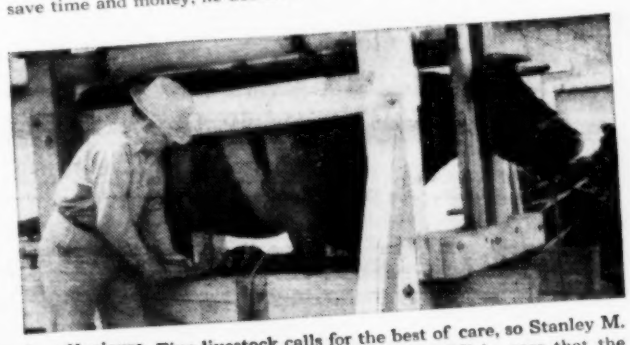
A picture review of successful farming brought to you by the Standard Oil Company

Earth Mover. Moving the landscape around to better irrigate his land is now an easy job for Oscar Babcock of Colorado Springs, Colo. He is seen with his homemade earth moving device powered by his tractor, which makes it possible to level land economically to insure even flow of irrigation water. As a steady Standard Oil customer, he says that Red Crown Gasoline and Permalube Motor Oil make a fine team.



Dairy Aid. Here is Richard Babcock, the son of Oscar Babcock of Colorado Springs, with the handy balloon-tired dairy cart he developed with the help of his father. It saves a lot of time and money, he says. Son, like father, is a booster for Standard Oil products, including Red Crown Gasoline and Permalube Motor Oil. Like the milk cart, both save time and money, he declares.

Running Out of Its Ears. That's what might be said about the huge crop of corn annually raised by Delbert Louis and his son, Dwayne, on their 670-acre Buffalo County, Neb., farm. They are shown with some of their 90-bushel-per-acre corn. Good farming practice and irrigation by the pump method call for good gasoline and motor oil. They use Standard Red Crown for power and Permalube Motor Oil for lubrication, exclusively.



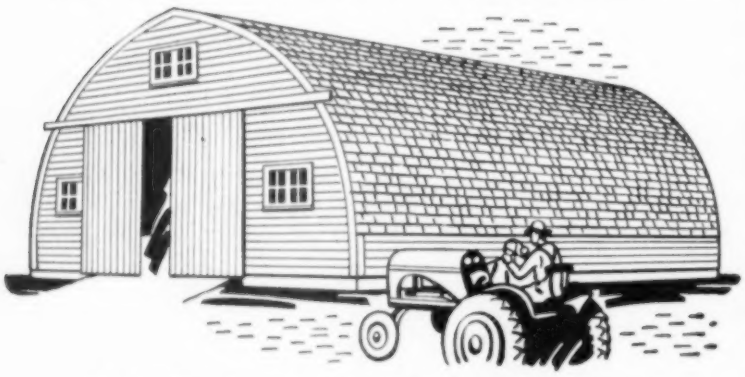
Cow Manicure. Fine livestock calls for the best of care, so Stanley M. Powell, owner of Ingleside Stock Farm, Ionia, Mich., sees that the hooves of his prize milking shorthorns get the benefit of a "bovine beauty parlor" which he built. Here he is manicuring Royal Beauty, grand champion female at 1946 Michigan State Fair. Standard Oil products protect power equipment on this modern farm.

Super-Duper Scooper. Built from odds and ends of scrap iron in the home workshop of Rupert F. Smith of Owen, Wis., this homemade manure loader does a many-manpower job. Three scoops will fill a large manure spreader. A Standard Oil customer since 1938, Mr. Smith says Standard Red Crown Gasoline gives him steady, economical power. It's tops for dependability, he states.

Win $5.00. If you, too, are making news on the farm, send pictures with descriptions to Standard Oil Farm Photos, 910 S. Michigan Ave., Chicago, Illinois. For each picture that we use in the News-Graphic we'll pay you $5.00.

Your Standard Oil Man

Lumber builds it better . . .



the first and best arched-roof

POST-FREE MACHINE SHED

Wood Arch Corn Crib and Granary

Poultry House

Multi-Purpose Hog House

Combination Garage and Shop

Lumber engineers were the first to bring arched-roof post-free buildings to the farm. The Machine Shed and general utility building shown above is another fine example of the best in farm construction. This building is framed with glued laminated wood rafters, continuous from foundation to roof ridge. That makes the building strong, rigid, and exceptionally wind-resistant.

With floor space 36′ x 60′, and a clear space of 20′ to the roof ridge inside, you have room here for just about any machine ever used on the farm. Convenient "drive-through" is provided by doors at both ends—one 12′ x 12′, the other 12′ x 14′.

If you would like to own this machine shed—or a new barn, poultry house, hog house, corn crib, silo, garage or any other lumber-built building needed on the modern farm—see your 4-Square Lumber Dealer. At his office you'll find the Weyerhaeuser 4-Square Farm Building Service, with plans, pictures, blueprints and material lists for scores of ideal buildings. A few typical designs are shown at left.

To get a free farm building book, with condensed plans of these buildings, just mail the coupon below.

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DETROIT PUBLIC LIBRARY

El-Jon Farms, Rose Hill, Iowa, took top Angus bull honors at Iowa State Fair with this summer yearling, Elban Bardolier 3d.

Some Big Winners At Cattle Show

Beef Breeders From Five States Parade Entries Before Visitors At Iowa Fair

AFTER the Iowa State Fair beef cattle show, some of the breeders had reason to be very happy over their ribbon collections. And the cattle show visitors could feel that they had seen the best cattle in a half-dozen states.

In the Angus bull classes, El-Jon Farms, Mahaska county, Iowa, operated by Elliott and John Brown, scored heavily. Their bulls won three of six firsts in the age classes and both grand and reserve championships. In females, El-Jon Farms showed two firsts and senior champion female.

In the Hereford competition, Circle A Hereford Farm, Grundy county, Illinois, made a good record. Bulls from Circle A won two firsts in the age classes and both grand and reserve championships. Two heifers also were awarded blue ribbons.

An Iowa breeder, H. C. Pearson, Warren county, showed three blue ribbon Herefords. John C. Wisdom, Polk county, Iowa, got one first.

In the Shorthorn competition, Holz Brothers, of Greene county, Iowa, showed animals that stood out in the female classes. Their heifers won three firsts and both grand and reserve championships.

Shorthorn bulls from McCone Brothers' farm, in Shelby county, Iowa, had a slight edge over others in the male classes. They got one first and the grand championship. Bulls from Edellyn Farms, Lake county, Illinois, got one first and reserve championship.

Iowa breeders took home 22 of the 36 firsts in the Angus, Hereford and Shorthorn classes. Seven firsts went to Illinois, three each to Missouri and Oklahoma, and one to Nebraska.

A list of winners in the age classes for each breed will be found elsewhere in this issue. Here are the champions' and reserve champions' names:

Angus Bulls: The champion, shown by El-Jon Farms, is registered as Elban Bardolier 3d. He is a summer yearling. Reserve champion, Envious Bardolier 3d, also shown by El-Jon Farms, is a junior yearling.

Angus Females: A senior calf, Blackbird of Wilton 37th, shown by Wilton Farms, of Scott county, Iowa, was named champion. She nosed out the senior champion, Barbara McKenny of LHM, a senior yearling shown by El-Jon Farms.

Hereford Bulls: Circle A Hereford Farm, of Grundy county, Illinois, showed the champion. He is named MW Larry Domino 133d, and is a two-year old. The reserve champion, from the same farm, is a senior calf, C. A. Elation 4th.

Hereford Females: Bianchi Hereford Ranch, Macon county, Missouri, showed the champion. She is a two-year-old registered as BHR Miss Helms A 13th. Honey Creek Ranch, Delaware county, Oklahoma, showed the reserve champion, a senior yearling, HCR Duchess 55C.

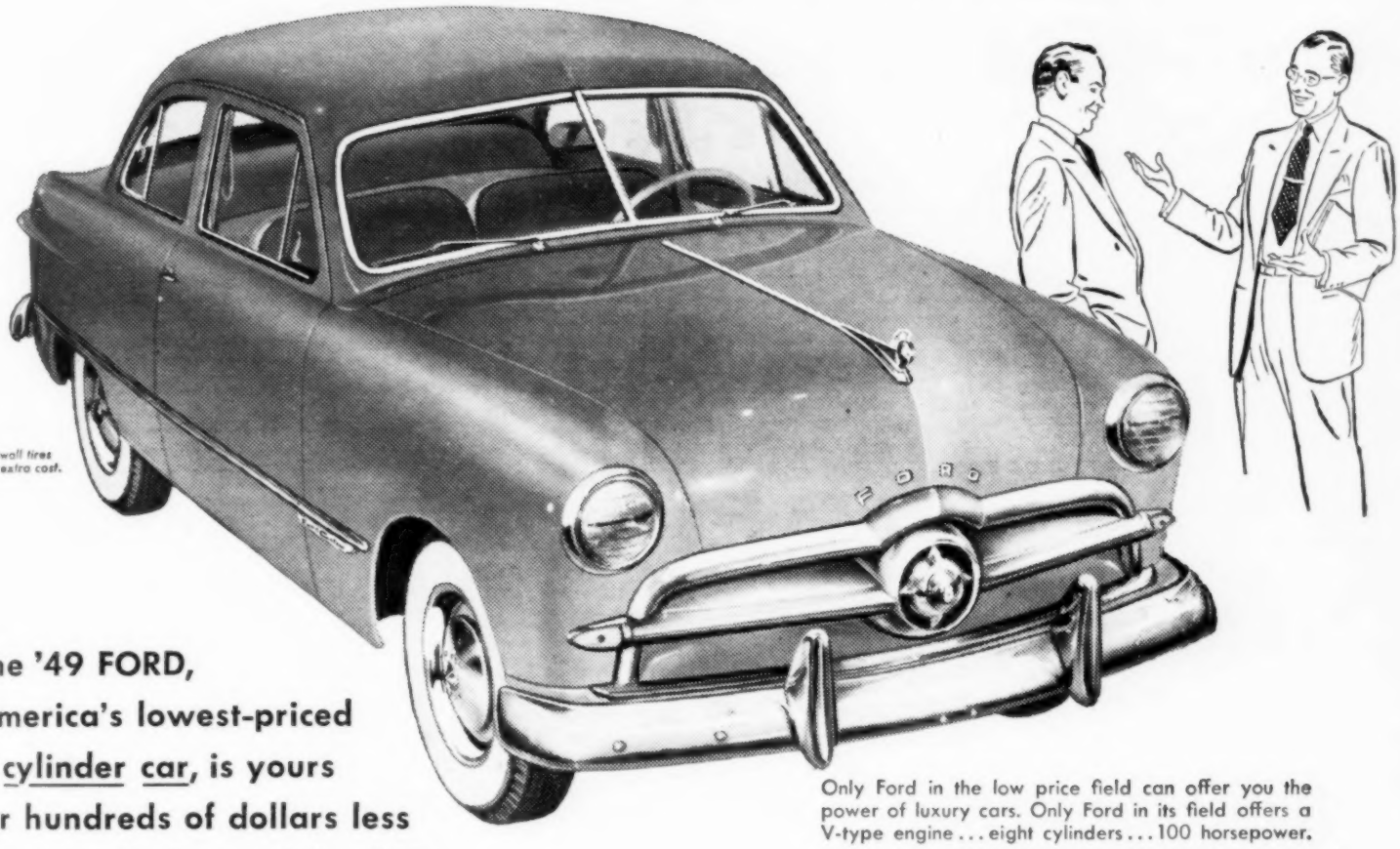
Shorthorn Bulls: The two-year-old class took both honors in Shorthorn bulls. McCone Brothers, Shelby county, Iowa, showed the champion, Edwin Royal Leader. Edellyn Farms Lake county, Illinois, showed the reserve champion, Edellyn Royal Leader 66th.

Shorthorn Females: Holz Brothers' champion, from Greene county, Iowa, is registered as Golden Rule Luxury. She is a junior yearling. Golden Rule Dorothy, a two-year-old, also shown by Holz Brothers, was named reserve champion.

Polled Shorthorn Bulls: Lewis W. Thieman, of Lafayette county, Missouri, showed the champion bull, King of the Vanities 65th. R. L. Flamme, Tama county, Iowa, showed the reserve champion bull, Cloverdale Monarch. Both winners are summer yearlings.

Polled Shorthorn Females: Thieman and Flamme also divided honors in the female competition the same way. Thieman's champion is a senior calf, Nonpareil Coronita 12th. Flamme's reserve champion is a summer yearling, Cloverdale Sarcasm 8th.

AN EIGHT FOR LESS THAN MANY SIXES!



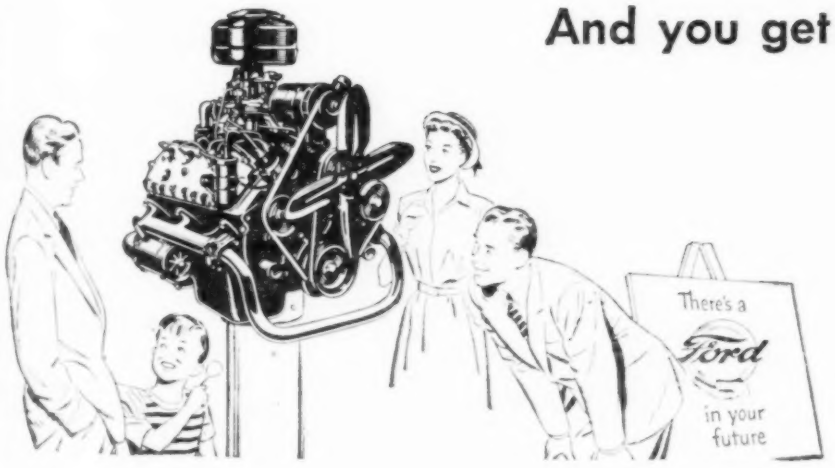
White sidewall tires available at extra cost.

The '49 FORD, America's lowest-priced 8 cylinder car, is yours for hundreds of dollars less than 6 cylinder models of 10 other popular cars!

Only Ford in the low price field can offer you the power of luxury cars. Only Ford in its field offers a V-type engine . . . eight cylinders . . . 100 horsepower.

And not only does Ford offer you America's lowest priced "Eight" but also the great new Ford "Six" at even lower cost. Gas savings of up to 10% (up to 25% with Overdrive, optional at extra cost)!

And you get the new FORD "FEEL" too!



The sweeping power of Ford's new engines is only part of the new Ford "Feel." With it comes the new, easy control of "Finger-Tip" Steering and 35% easier-acting "Magic Action" Brakes. You get the bump-erasing "feel" of "Hydra-Coil" and "Para-Flex" Springs. The comfort of sofa-soft, "Sofa-Wide" Seats with more hip and shoulder room than any car in Ford's field. Ask for a ride and you'll order now.

Take the wheel . . .
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Quonsets meet all Commodity Credit Corporation requirements for crop storage facilities . . . provide enduring, fire-resistant, wind resistant buildings ideal for equipment storage, animal shelter, and general storage as well.

With a Quonset you can be sure of '49 profits on grain and corn storage, because a Quonset permits you to take full advantage of government support programs . . . assures you permanent, all-steel, economical storage for years to come. You're money ahead when you own your own *all-purpose* Quonset, immediately available at your nearest Quonset dealer's.

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Western Steel Corporation 640 Insurance Building Des Moines	Century Steel Bldgs., Inc. Algona	Combs, Inc. Ottumwa

Workday Pointers

PAINT should be applied to galvanized roofs at the first sign of rust.

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FALL IS A GOOD TIME to apply lime. The lime should be disked into the soil.

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TAX-PAYING DEADLINE for the second installment of Iowa property taxes is September 30.

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WHEN YOU SET UP the corn picker, put on all of the safety shields over revolving shafts, chains and husking rolls.

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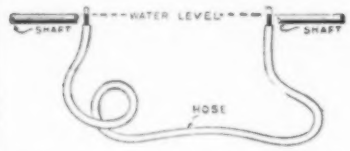
FOR LEVELING long foundations a hose and two gauge glasses can be used. Slip the glasses inside the ends of the hose as shown



in the illustration. Then fill with water. If all air is expelled from the hose, and if the water is the same temperature at each end, the homemade level will give you a correct reading.

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BITS OF WIRE, nails or other metal objects should be kept out of hay. What is known as "hardware disease" has killed both cattle and calves.

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CORN SHELLER operators should be reminded that clean shelling raises the grade of the corn. Dust and trash in the corn may also cause spoilage in the bin.

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LATE FALL PLOWING of the sweet clover catch crop gets the maximum fertility from the green manure. Wait, if you can, until growth stops before plowing.

▲ ▲ ▲

ONE WAY to cut down corn borer damage is to pick corn just as early as it is dry enough to keep in the crib. Get the corn before weakened stalks break or are blown over.

▲ ▲ ▲

SHELLED CORN for feeding this winter will keep all right even tho the moisture content is above 13.5 per cent. This low moisture content is only necessary when corn is to be kept thru the next summer.

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NEXT NEW FARM invention should be a corn picker that will sweep up the broken stalks and loose ears on the ground and run them thru the corn picker rolls. Such a machine would save a lot of corn borer damage.

▼ ▼ ▼

ALFALFA LAND needs rotation as well as corn land. Farmers find this out when they try to keep a field close to the barns in alfalfa all of the time. Row crops or sod grasses for a year or two will make big alfalfa crops again as long as rainfall is normal or above. If several dry years come together, alfalfa land may need more rest. Alfalfa uses up more moisture than corn or other grass crops.

LATE GRAZING on new stands of clover or alfalfa makes winter-killing more likely.

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EXTRA BIN ROOM on the farm is an investment that can pay dividends after the present corn storage need is over.

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FALL RYE for early spring pasture can be seeded until the first of November. But September seeding will make earlier pasture than October seeding.

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PROBE your cribbed corn and take a moisture test before shelling to reseal under the government program. Moisture content for resealing must be down to 13.5 per cent.

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HOG RAISERS might get some pointers at the Iowa State College field day, to be held at the college on September 30. Discussions will include feeding and breeding.

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FARM LEASE changes should be put in writing before November 1 in Iowa. After that date, tenant and landlord can insist on the old terms if no notice of termination has been given.

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NEW CATTLE brought on the farm should have individual inspection every day for two or three weeks. Keep them separate from your other cattle for that period if you can.

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FARMERS WHO HELD over a reserve supply of corn from the bumper crop of 1946 were very glad of it when August of 1947 cut the Iowa crop to 32 bushels per acre. It could happen that way again.

▲ ▲ ▲

WHEN BUYING cattle from a professional trader, remember that he sees cattle bought and sold

every day; you are on the market only a few days per year. You are playing the other fellow's game.

▲ ▲ ▲

FERTILIZER value of manure is all saved when manure is spread on land to be plowed this fall. There is some loss of plant food when manure is left on top of the ground all winter. There may be still more loss when the manure is left in the yards all winter.

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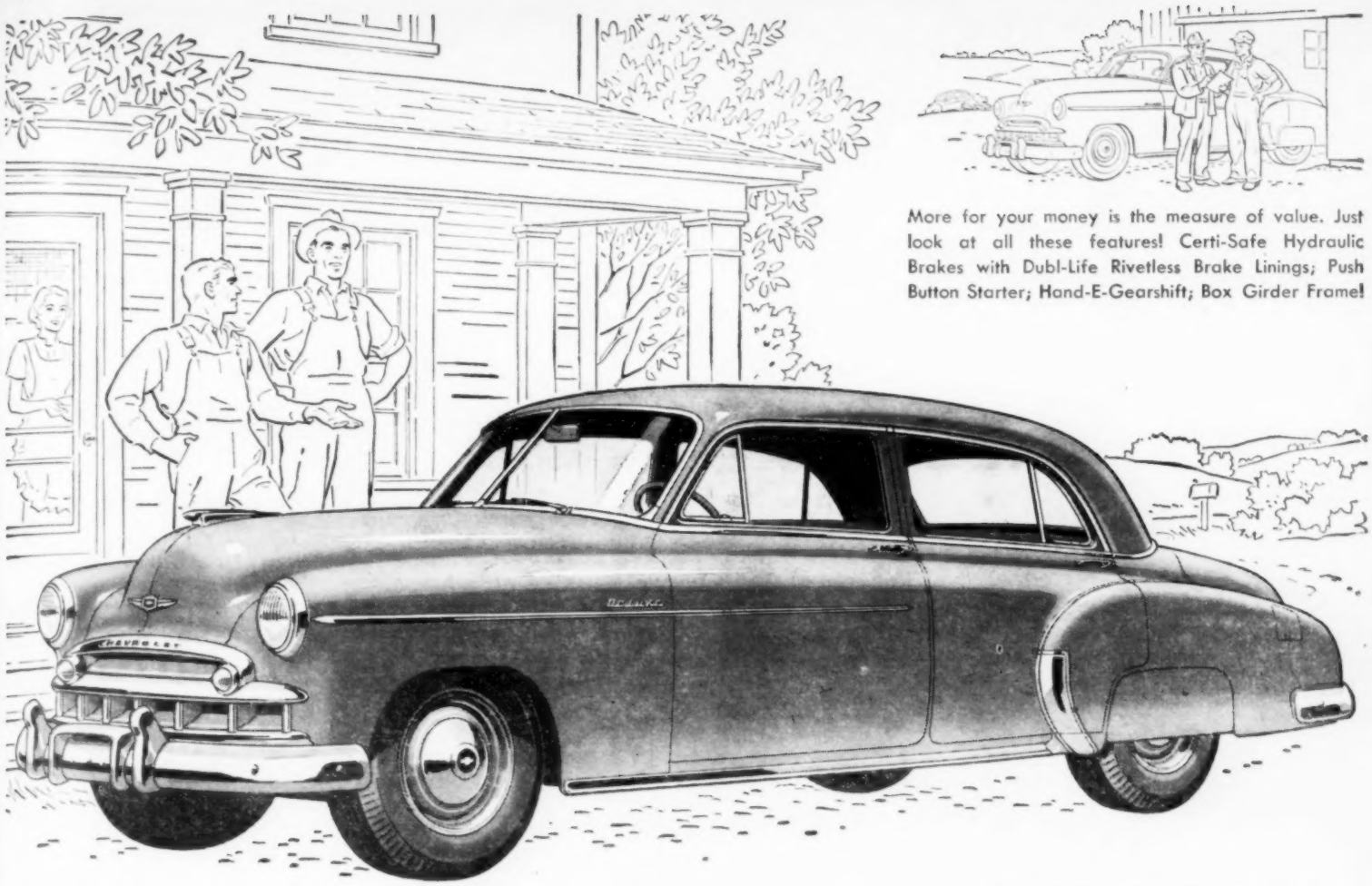
ITCHY HOGS rub off the profit dollars, says Dr. N. D. Levine, Illinois College of Agriculture parasite specialist. For lice and mites, he recommends spraying with benzene hexachloride (BHC). Be sure the spray reaches all parts of the animals. Spray when you won't be marketing hogs for 30 days. The chemical gives meat an off-flavored, musty taste.



The Styleline De Luxe 4-Door Sedan

More for your money is the measure of value. Just look at all these features! Certi-Safe Hydraulic Brakes with Dubl-Life Rivetless Brake Linings; Push Button Starter; Hand-E-Gearshift; Box Girder Frame!

Farmers want a car that's both rugged and good-looking, so they pick Chevrolet for the most Beautiful BUY of all!

Every day farmers throughout the country are proving the rugged durability of their new Chevrolets through hard farm usage. From that experience, farmers know Chevrolet means more lasting value.

Your Chevrolet's durable beauty and years-ahead-styling will last through years of hard use . . . will be a source of pride to you and your family as long as you own the car. That rugged, Valve-in-Head engine is built to take the strain of farm use day after day . . . to deliver power with economy under the hardest use. Yes, and through the years, your Chevrolet will keep its easy-to-handle, easy-to-ride-in characteristics. It will give you unexcelled economy of operation plus low-cost upkeep. Those are just a few of the reasons why farmers agree that Chevrolet is the most Beautiful BUY of all!

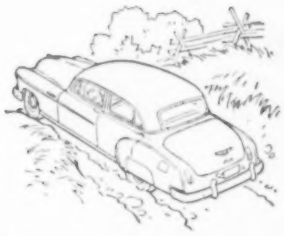
CHEVROLET MOTOR DIVISION, *General Motors Corporation*, DETROIT 2, MICHIGAN

CHEVROLET

FIRST FOR QUALITY AT LOWEST COST

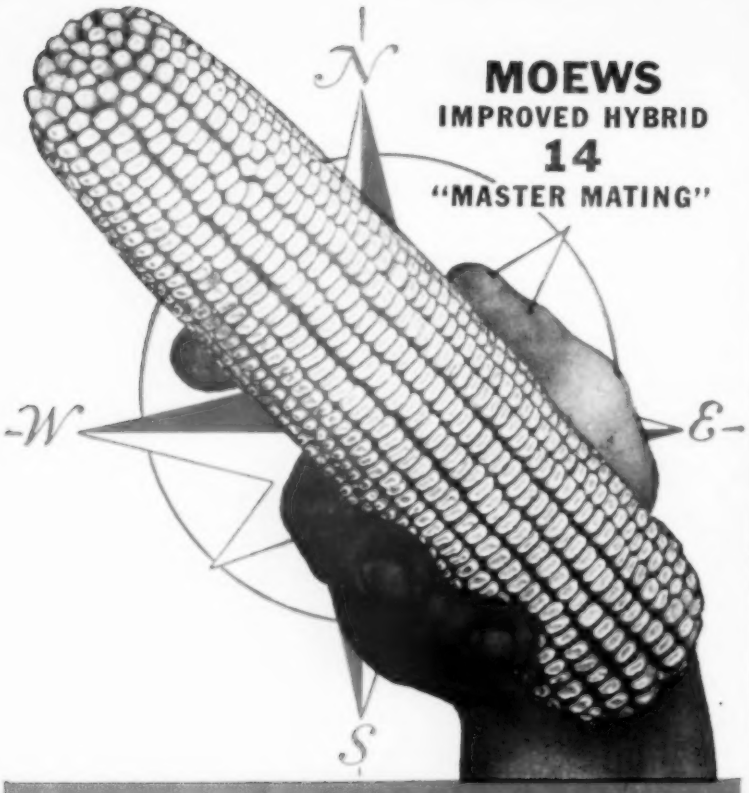
Chevrolet's curved windshield, larger windows, and thinner windshield pillars give 30% more window area all around . . . more visibility for greater driving safety.

Plenty of luggage space for all the bulky packages you bring back from town. And notice the way the trunk lid pops open when you turn the key in the lock.



No road's too rough for the power of Chevrolet's world champion, Valve-in-Head engine.

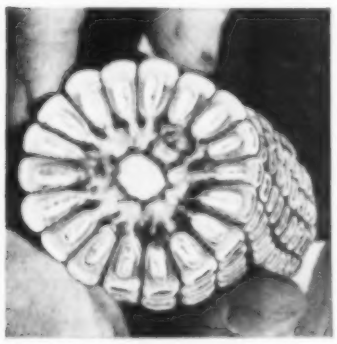
Chevrolet means beauty that lasts . . . style that will be as modern tomorrow as it is today.



**WIDESPREAD POPULARITY-
WON BY PERFORMANCE-
MEANS *MORE* PROFIT FOR YOU!**

From *every* direction—North, South, East and West—comes farmers' praise of the "A-Maize-ing" MOEWS IMPROVED HYBRID 14. There's more profit in this tough, sturdy, dependable hybrid with its bred-in ability to make a big, sound, high quality ear from *every* seed kernel you plant.

MOEWS IMPROVED HYBRID 14 is liked and praised the length and breadth of the Corn Belt for its superior performance under favorable or unfavorable conditions. Every year finds more and more Corn Belt farmers switching to MOEWS IMPROVED HYBRID 14 as they watch its outstanding performance on neighbors' farms. It's the kind of performance that means *more* profit for you.



Look at those wide, thick, deep, well-dented kernels on a VERY small cob. MOEWS IMPROVED HYBRID 14, well known for its excellent drying quality, can fulfill moisture requirements and pass sealing inspection. Harvest MORE dry, sound corn in 1950.

Here's What YOU Can Expect of a MOEWS IMPROVED HYBRID 14 Corn Crop in 1950

It's a corn that every farmer likes to grow. It gets off to a fast, vigorous start. It grows rapidly. It's highly resistant to root-lodging, stalk breaking, ear dropping. "Master-Mating" will come through as it's bred to do, with top yields of mature, sound corn—the most corn your soil and season will permit! It produces ears famous for size and uniformity . . . and for a kernel type that means higher shelling percentage and *greater* feed value.

say "maize"
MOEWS
Improved HYBRIDS

MOEWS SEED COMPANY
GRANVILLE, ILLINOIS
Send free descriptive material on MOEWS IMPROVED HYBRIDS to
Name .....
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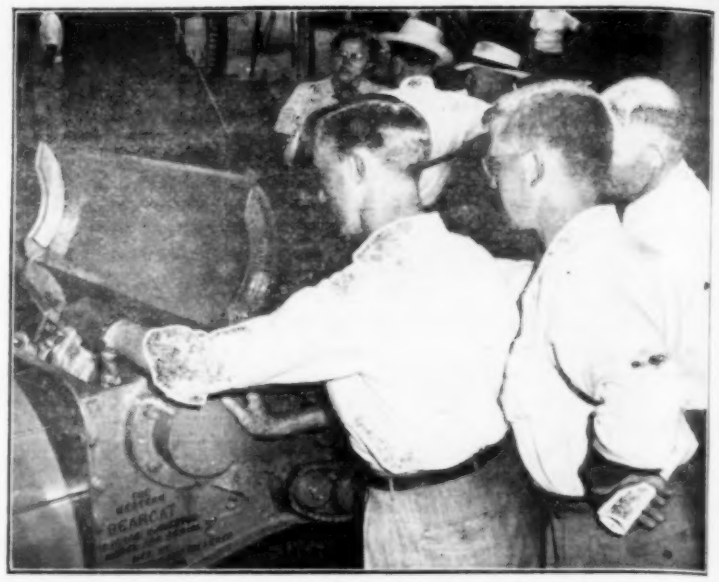


New Piece of equipment in the Iowa State Fair machinery exhibit gets a thoro going over from farm visitors. This year's machinery show was full of ideas for doing new jobs or saving work.

New Farm Machines Made Every Year

Corn Borer Killers And Labor-Savers Were Shown In Exhibits At The Iowa State Fair

"I WOULD like to see it work first," was the comment of one young farmer as he looked over a new implement at the Iowa State Fair. "What powers it?" inquired another.

It was a side-delivery rake, built on a different principle than the bar rakes to which we are accustomed. Instead, a series of independent wheels carrying rake teeth build the windrow as they roll along the ground.

That's just one example of new ideas which were on display among the 40 acres of machinery exhibits at the 1949 fair. Another was the corn stalk, or crop residue, pulverizer. These machines tear up the corn stalks (and the borers inside). They operate from the tractor power take-off.

Increased interest in such machines can be credited to the corn borer. Right time for use, one farmer suggested, would be in late fall after the stalk fields were pastured off.

Another machine of interest to forward-looking farmers was a quickly-detachable mounted corn picker. It presented an odd appearance, with its twin corn elevators leading to the discharging hopper high in the rear.

But that's the feature that lets the tractor back out from under without any unbolting. Two jacks support the weight of the machine when detached. Five minutes is all the time required, it is claimed, to attach this mounted picker.

In the small grain field, the self-propelled combines had an appeal. One 12-foot outfit had an electric control for raising and lowering the feed table. It also boasted 24 operating speeds. And a 70-second hopper discharge.

Iowa farmers are taking to the bigger machines in a big way. Said one veteran salesman: "Our three-plow tractor is the most popular size."

For farmers in the two-plow bracket, a mounted plow was on exhibit, with hydraulic lift. These were on display to fit many makes of tractors.

Are farmers coming to more mounted machinery? There was a pick-up (tractor mounted) disk, adaptable to various tractors. You could get it in a seven-foot tandem or the 10 or 12-foot straight.

Self-powered outfits are popular among the heavy-pull type machines. Here was a new heavy-duty field harvester. Capacity claimed was as much as three seven-foot swaths of hay (in the windrow) or two rows of corn.

When it comes to a corn gathering unit for these forage harvesters, many very ingenious arrangements are made. One had regular gathering chains, which you could reverse if the throat clogged.

Another, a pair of auger-like rolls to gather stalks. Still another had push teeth, operating on the principle of a push-bar hay loader.

Interest in hay balers is still at a high point. Farmers gathered around the one-man outfits. There were two self-tying models which used wire, but most of the automatics employ twine.

A large crowd watched the demonstration of the round bale machine. It operates on a radically different principle, rolling up the bale between endless belts. Then it is tied with ordinary binder twine—27 feet of it if the bale is 18 inches in diameter, up to 45 feet for the 22-inch bales.

About 18 feet of twine is required for the rectangular bale. But the latter is an extra heavy baler twine, and manufacturers have been working to improve that. So that now, it is claimed, some twines have a greater tensile strength than baling wire.

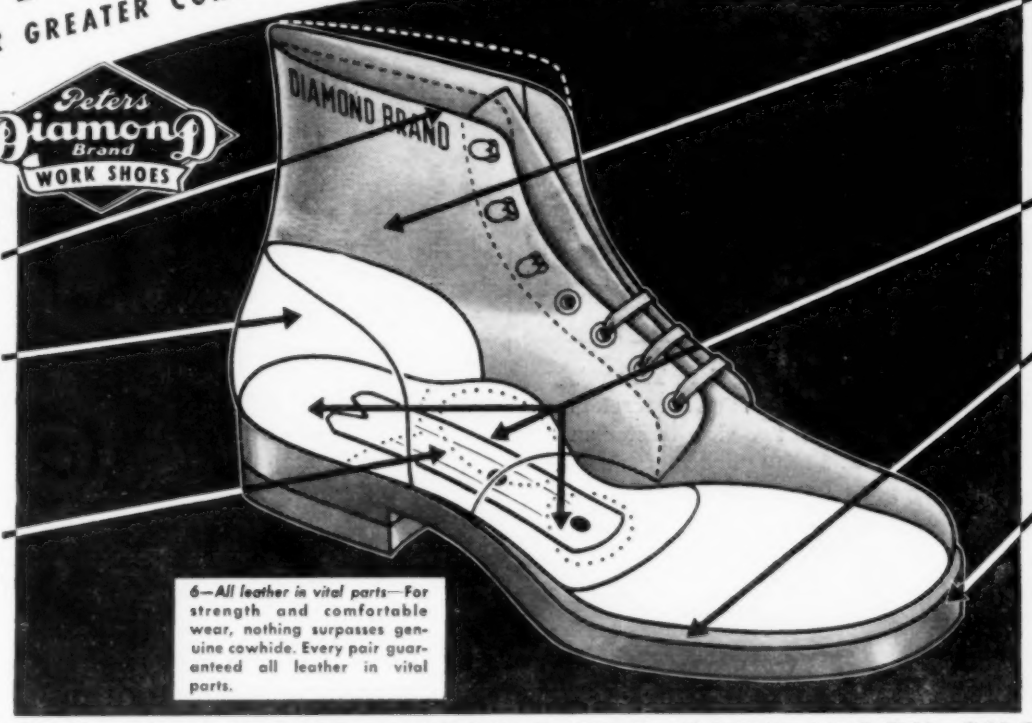
You could also find automatic bale loaders which pick up bales from the ground and elevate them onto your load. And there were corn elevators adapted to conveying the bales into your barn.

X-RAY TEST REVEALS

9 PLUS FEATURES

FOR GREATER COMFORT, LONGER WEAR

Peters Diamond Brand WORK SHOES



1—No-rip back—Pre-mold one piece quarter (without backstay) means greater flexibility and ankle comfort.

2—Stuffed uppers—Genuine cowhides specially treated, making them resistant to barnyard acids, mud and water.

3—Special 3-way arch cushion pad—Supports arch, absorbs shock; cushions each step; fights foot fatigue.

4—Genuine Goodyear welt or nailed construction—Sole and upper securely joined together to resist the roughest wear.

5—Outsoles and Insoles—Solid leather insoles. Outsoles of long-wearing oak bend leather or durable composition.

6—All leather in vital parts—For strength and comfortable wear, nothing surpasses genuine cowhide. Every pair guaranteed all leather in vital parts.

7—Steel shank—Strong reinforcement for the arch to give supporting comfort.

8—Heavy solid leather moulded counter—Shaped to comfortably support and protect the back part of your foot.

9—Slant top—Permits shoe to be laced to top without pinch around the ankle.

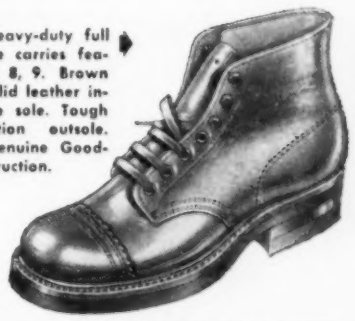
LOOK BOTH *INSIDE* AND OUTSIDE FOR YOUR WORK SHOE FACTS

There's lots more to a pair of Peters Diamond Brand Work Shoes than meets the eye. This X-Ray view reveals those "hidden" features that make them fit so well, hold their shape so much better, last long beyond the life of ordinary work shoes.

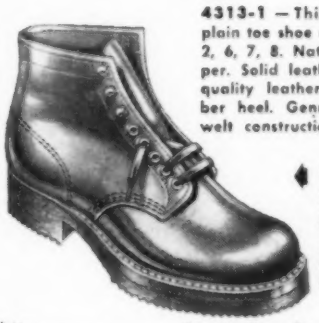
Inside and out they're built to take the knocks and abuses of a hard day's work. It pays to insist on Diamond Brand Work Shoes every time — available at better stores in a range of sizes and widths.

Priced from $4.45 to $9.95

4211 — This heavy-duty full double toe shoe carries features 1, 2, 6, 7, 8, 9. Brown Retan upper. Solid leather insole and middle sole. Tough black composition outsole. Rubber heel. Genuine Goodyear welt construction.



4313-1 — This serviceable plain toe shoe carries features 2, 6, 7, 8. Natural Retan upper. Solid leather insole, fine quality leather outsole. Rubber heel. Genuine Goodyear welt construction.



4346-3 — This all-purpose shoe carries features 1, 2, 6, 7, 8. Black Retan upper. Solid leather insole and slip sole. Heavy brown corded composition outsole and heel. Genuine Goodyear welt construction.

Peters Diamond Brand WORK SHOES

MONEY-BACK GUARANTEE

To the wearer who finds paper or fibre board in the heels, insoles or counters of a pair of Peters Diamond Brand Work Shoes, we guarantee to refund the full purchase price and, in addition to the refund, will replace the shoes *free* of charge

PETERS SHOE CO. • DIV: INTERNATIONAL SHOE COMPANY • ST. LOUIS

SEE ONE OF THESE FINE IOWA DEALER'S FOR YOUR Diamond Brand WORK SHOES

(LISTED ALPHABETICALLY BY TOWNS)

Ackley	Drew's Shoe Store
Albia	Tall Corn Shoe Store
Algona	W. G. Woodward Co.
Allison	V. Bettsworth
Belle Plaine	W. G. Woodward Co.
Bellevue	Lucke Bros.
Belmond	W. G. Woodward Co.
Carroll	Economy Shoe Store
Centerville	Bateman & Shaw
Cherokee	Wolff & Wolff
Columbus Junction	Ross Dry Goods Store
Corning	Corning Bootery
Corydon	Graham Dept. Stores
Creston	Smith Bros.
Des Moines	Sam G. Silver
Earlham	Earl Schalke
Elgin	Max Thema
Emmetsburg	W. G. Woodward Co.
Epworth	W. N. Silker
Estherville	W. G. Woodward Co.
Fairfield	Family Shoe Store
Forrest City	Reuben Shoe & Clo. Store
Greene	Buchholz & Dralle
Greenfield	Crooks Clothing Co.
Grundy Center	Wilson's
Hamburg	Conners, Inc.
Hampton	W. G. Woodward Co.
Hartley	C. R. Pettijohn
Ida Grove	Wolff & Co.
Indianola	Jones Shoe Store
Jefferson	Jefferson Bootery
Jesup	G. D. Kepple
Kalona	Reif's
Keokuk	Larson & Hodges
Lake City	J. C. Collicott
Leon	Graham Dept. Stores
Manly	Humburg Clo. Store
Manning	Johnson Shoe Co.
Marion	Renfer's Shoe Store
Monticello	Edwards' Dept. Store
Mt. Pleasant	Lamm's Shoe Store
Osage	Peterson & Holcomb
Osceola	Harry H. Moore
Oskaloosa	Graham Dept. Stores
Oskaloosa	Cowan & Ackerman
Ottumwa	Steven's Shoe Store
Oxford Junction	A. Stratilek & Son
Preston	Harris-Burshtan
Remsen	J. P. Beck Co.
Rock Rapids	Wolff & Bernstein
Sheldon	Wolff Bros.
Sioux Center	De Bruin Shoe Store
Sioux City	Diamond Shoe Store
Sioux City	Rehan's Dept. Store
Swea City	Samuel Rystad
Traer	Farmers Store
Waukon	Albert F. Weihs
Webster City	W. G. Woodward Co.
West Point	Henry W. Moeller
West Union	Graham Dept. Stores
West Union	Gruver Shoe Store

. . . and economy, too

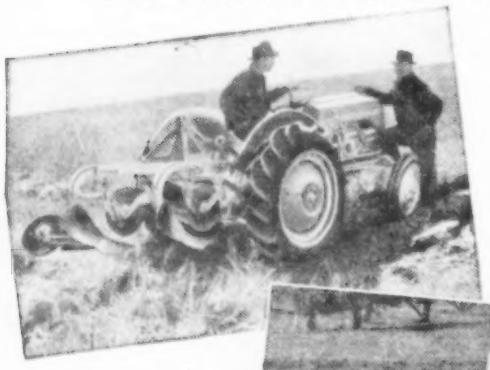
that's what you get in a Ford TRACTOR

Several improvements recently made in the Ford Tractor's engine have boosted its top power to a new high for tractors of this class. Thus, you get in this full two-plow tractor an even greater reserve of power . . . a really big comfortable reserve of power . . . for your hard and heavy work.

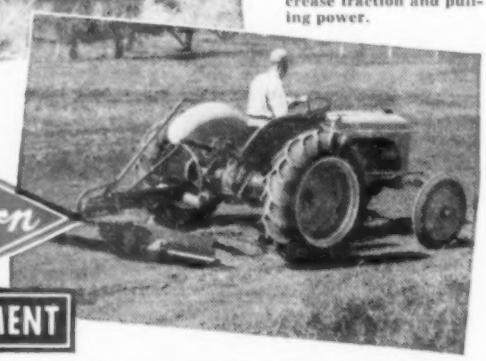
What's more, you get all this extra power without sacrificing a penny's worth of economy for which the Ford Tractor has long been famous.

Dearborn Farm Equipment, engineered for the Ford Tractor, includes a large number of implements for plowing, harrowing, planting, cultivating and harvesting, and also implements for dozens of the odd jobs that have to be done throughout the year on every farm.

DEARBORN MOLDBOARD PLOW



Simple design, sturdy construction and scientifically engineered bottoms, coulters and jointers make this Dearborn Moldboard Plow outstanding. It can be attached to the Ford Tractor in three minutes. Ask for a demonstration and see how its flexible power is fitted to each job. In heavy going, for example, resistance is automatically converted into forces that help increase traction and pulling power.



Dearborn FARM EQUIPMENT

Your nearby Ford Tractor dealer is ready at all times to demonstrate the Ford Tractor on your farm. He will demonstrate it with any Dearborn Implement or any group of Dearborn Implements you select. Get in touch with him soon. He's a good man to know better.

Danuser All Purpose Blade

This tool can be offset 7⅜" to right or left of center . . . for working along edges of terraces, gullies, ditches or roadways. Can be attached to the Ford Tractor in a minute or less. It is lifted, lowered and held at selected working depth by Ford Tractor Hydraulic Touch Control. Blade can be reversed for back filling. Adjustable pitch.

SEE YOUR

IOWA DEALER

FORD TRACTORS
DEARBORN FARM EQUIPMENT
PARTS AND SERVICE

Ford Farming MEANS LESS WORK . . . MORE INCOME PER ACRE

Cattle feeders this fall are keeping a wary eye on the general business picture. But, as one experienced stock man says "If every farmer were a pessimist, there would be no cattle fed."

Are You Planning To Feed Cattle?

Experienced Stock Men Are Cautious, But They'll Still Have Feeders In The Lot

ARE you in the market for stocker or feeder cattle? This is the time of year when a lot of Iowa farmers are having to make up their minds. Whether to feed—what to feed—what price to pay—when to buy.

According to pre-war figures, 23 per cent of Iowa's yearly supply of cattle was bought in October. September came next, with 18 per cent. November, August and December followed in that order.

But what to do this year? Perhaps a look at what influences some other cattle feeders in making their decisions will help the rest of us. So let's run around a little in Marshall county, Iowa—where farmers bought more than 16,000 feeders in 1947.

First, let's stop at Jim Cooper's place. He has been associated with his father in the commission business. And he has had experience on ranches and in large-scale cattle feeding operations. So Jim has a pretty broad view of the whole business.

Says Cooper: "If every farmer were a pessimist, there would be no cattle fed."

Before buying, however, any businesslike feeder will decide in his own mind what selling price he will have to get to pay out.

"We're going to buy cattle so we can make out at 22 cents," "If the price drops to 18 cents, we can still hold together. Last year, our gains cost around 17 cents a pound. This year, they should be somewhat cheaper."

In planning his cattle feeding program, Cooper goes by these principles:

1. Make good use of grass and roughage for economical gains.

2. Have your cattle ready to go when demand is best.

Joe likes to market some fat cattle in July. "I always like to buy something in the fall you can sell by August 15 at the latest," he says. "That's why we're going to buy heifer calves this year. Steers would have to be fed until September or October, but heifers finish off quicker."

This summer, Cooper bought some two-year-old fleshy feeder steers for a short feed, to move by October 15. He also bought a bunch of plain big cattle the first of May. They've been summer-fed a half ration of corn on a pasture of reed canary grass and alsike. By the last of August they were not too far from market.

"We never full-feed shelled corn any more," says Cooper. That's in line with his idea of economical gains. "In winter, it's silage, hay and protein, plus a little corn. Then, in spring, we can go to grass and corn. We find gains are just as good that way, and it cheapens feed costs one-third to one-half."

Cooper doesn't have any illusions about "cheapening" gains by running cattle on corn stalks. "The only good you get out of a corn field," he claims, "is from the corn you leave in it. Last fall, when our cattle were given the run of the farm, they gained about a pound per day.

"But as soon as they had the corn out of the stalks, we began feeding corn at the rate of one pound per 100 pounds of animal."

In another neighborhood is Bert Smith, who has always fed cattle. "He wouldn't feel right without some around," says his wife. But he's reluctant to give any advice.

"Just because one man makes money by a certain method," says Bert, "doesn't necessarily mean that another fellow will." He cautioned about overstocking. "A fellow can only take care of about so many," he said.

Like many farmers in his locality, Smith likes to feed shelled corn. "It's handy to feed," argues another farm owner, Harley Robinson. "Some men feed ear corn yet, but it's not so good in cold weather. Ears get icy with slobber, and then the stock leaves them."

But Robinson agrees that with ground ear corn, stock won't go

off feed so easily. If you feed them shelled corn, it helps to mix it with the silage.

Robinson has this to say about the class of cattle to buy: "There's less risk in feeding calves—you don't buy so many pounds. But we like to buy a load of plain cattle in the fall for a 60 to 90-day feed. For this, we prefer 'farm' cattle, instead of westerns. They do a better job of cleaning up corn fields."

Some economists, tho, predict that you can't expect the usual margin on plain cattle next spring, partly because of the larger pork supply now in prospect.

On one of his farms, Robinson will feed calves in dry-lot, and head for the September market. On the other, calves will be pastured next summer and marketed about Christmas time.

You find a lot of experienced feeders like to buy good cattle and finish them pretty well, so they will grade choice on the market.

"It's a lot safer to feed just to the good grade," says Dave Buck. "But there's quite a difference between getting $25 for choice stuff or just $20 for the good grade, if you've got the guts to go on with it. There's always a demand for some choice cattle."

Buck is out of the feeder market for the present, waiting to size up the business situation.

Shrink is an important item when it comes to buying and selling cattle. It's generally greater on cattle sold in cold weather. Anything under 10 per cent is a normal shrink, Cooper says, and you can put that back in three days. But above 10 per cent would be too much.

Half Of His Pigs Born Dead

To the Editor: My brood sows are farrowing now. Some of them have all live pigs. Others have half live pigs and half dead ones. What could be the trouble?—P. J., Steele County, Minnesota.

Infection of a sow's genital tract may be the cause of dead pigs. Brucella infection, or contagious abortion, may be the trouble. A blood test of the sows will settle that.

Another possibility is some nutritional disturbance. You are in an area where the soil is deficient in iodine. Iodine deficiency in breeding sows often causes pigs dead at birth, pigs born with little or no hair, or weak pigs.

You should feed your sows iodized salt to make sure they get enough iodine. But if a blood test shows the sows are infected with abortion, get rid of them.

"You'll be sure to send us a print, won't you?"

Here's what you do to get a Practical Land Use Program for *Your* Farm

Simply see your Red Brand dealer. He will help you get a Practical Land Use Program started right away—at no cost to you. He will work with you in obtaining the help of your local Soil Conservationist to develop a Practical Land Use Program designed especially for your farm. In districts where a Soil Conservationist is not immediately available, your Red Brand dealer will provide you with basic information about Practical Land Use that you can use now. So, see your dealer *soon*.

Hear "Red" Brand on the Air—Telling How Practical Land Use Helps Any Farm . . . Anywhere

Listen to "Red" Brand's on-the-spot interviews with farmers from all parts of the country, telling about the remarkable benefits of a Practical Land Use Program. Now heard on your nearby radio station . . .

And When You Need Fence . . . Ask for Red Brand—the Longer-Lasting Galvannealed Fence

For new fencing or replacement, you gain longer service from Red Brand Fence every time. That's because Red Brand Fence is *Galvannealed*—a special process that fuses rust-resisting zinc to the strong steel fence wires. And, the use of copper bearing steel in Red Brand Fence means *doubled* rust-resistance for extra long life.

See your Red Brand dealer for RED BRAND FENCE • RED TOP STEEL POSTS • POULTRY NETTING • NON-CLIMBABLE FENCE • NAILS • BALE TIES • GATES

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PRICES include short guard for one man use and long guard with extra handle for two men:

20" Chain Saw	$389.00
30" Chain Saw	399.00
40" Chain Saw	409.00
50" Chain Saw	419.00
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ALLIED MUTUAL CASUALTY COMPANY
Hubbell Bldg. Des Moines, Iowa

BUY SAVINGS BONDS—THEY WILL HELP YOU LATER—BUY ALL YOU CAN—NOW!

Washington Wire

Who Gets Farm Vote In 1950?

New Farm Bill Battered Out Of Shape By Farm Jangling And Political Aims

WASHINGTON, D. C.—There's a lot of politics, but not too much help for farmers in the new bill that's shaping up here.

Corn belt farmers, especially, won't get much out of it. The plums all go to the grain, tobacco and cotton farmers.

Dairy farmers squeezed in at the last to get a promise of 90 per cent support in 1950 for their products. But only the old, expensive way of providing support is listed.

As the bill now stands—and it may be changed a lot in conference—corn, wheat, cotton, rice and tobacco are supported, by loans, at 90 per cent of a new parity in 1950.

For corn, that probably means a 1950 loan of somewhere around $1.30.

Hog supports at 90 per cent of parity would end March 31, 1950. Egg and poultry supports at 90 per cent end December 31, 1949.

After that, supports for these products range from 0 to 90 per cent. It is up to the secretary of agriculture to pick the level.

Production payments are barred. These were in the Hope-Aiken bill, but are now taken out.

After 1950, a sliding scale—something like that of the Hope-Aiken bill—is provided for corn, wheat, etc.

If any kind of farm bill goes thru, President Truman is responsible. Farm legislation was bottled up in the senate agricultural committee.

Then Truman called house and senate leaders to the White House and told them to get busy. The senate agricultural committee hurried back and reported out the Anderson compromise bill.

Nobody likes it, but it may pass anyway.

The house wanted the Gore bill, which simply postponed a decision by continuing 90 per cent supports for another year.

The senate leaned toward the present law—the Hope-Aiken act.

Why did Truman push for enactment of a bill which neither he nor Secretary Brannan seem to like?

One explanation is this. He thinks he has a major issue in the Brannan plan for the election of 1950.

Apparently, he is going to blame everything that goes wrong in farm affairs on congressional failure to enact the Brannan plan.

If hogs pile up, the price breaks and the government is stuck with big supplies of pork, he'll say: "Why didn't you provide production payments?"

If corn supplies get larger, if wheat bins burst with a surplus, he'll say: "If you'd taken the Brannan plan, it would have shifted production to milk, meat, eggs, etc., and reduce grain surpluses."

If there's a scandal about waste in stored pork, eggs, potatoes, etc., he'll say: "Production payments would have prevented this. I told you so."

He can make a case. His trouble will be that his own Democrats joined with Republicans to block the kind of farm legislation he really wanted. But his answer to that may be: "Elect the right kind of Democrats—Truman Democrats."

The government's own grain storage program, which started off with a rush, is slowing down.

In mid-August, Secretary of Agriculture Brannan, having had a good, long look at the latest crop report, predicting a record or near record corn crop this year, announced the Commodity Credit Corporation would expand its own storage capacity by 500 million bushels.

CCC has awarded contracts for 260 million bushels of new storage space, mostly in the midwest. This, plus its existing 45 million-bushel capacity, "is all we will need right now," officials say. That's about 300 million bushels storage room in all.

Some Department of Agriculture grain officials say the department will go after the other 200 million bushels of space next spring.

PRESIDENT TRUMAN SAYS:

"Price supports must be so organized and administered that they will give consumers the benefit of our abundant farm production. Our people want to buy more milk and meat, more fruit and vegetables, and all the things that go into a better diet. . . .

"The most promising method yet suggested is the production payment. Under this method, the prices of certain farm commodities would be allowed to seek their own level in the market, and the farmer would be paid the differenc between the support price and the average market price.

"Production payments would thus safeguard farm returns and at the same time our entire production of perishable foods would be available to consumers on the regular markets."

(From Address at Des Moines)

Anderson, senator from New Mexico and former secretary of agriculture, fixed up the compromise farm bill that nobody likes, but may pass anyway.

for storage of wheat and soybeans. Their estimate so far is that the new CCC bins and other type facilities have cost the government between 65 million and 70 million dollars.

Rigid production controls on basic farm commodities in 1950 seem to be inevitable.

Officials feel there's no other way to deal with surpluses now piling up in the nation's breadbasket. The controls would be acreage allotments and marketing quotas. Allotments are a mild control measure aimed at cutting production, while quotas prescribe how much of a particular commodity can be sold.

In short, it's a return to crop regulation, as in the thirties. Some of the production cut-backs have already been ordered, and Agriculture Department administrators have others in the works.

Here's how the situation is shaping up:

Corn is certain to get some type of control. Secretary Brannan himself hinted at marketing quotas next year in a recent midwest speech. If quotas are imposed, it will be the first time such a drastic step has been made for this giant crop.

Officials feel that over-all corn supplies next year of 4.3 million bushels "is just too much—what is going to happen to prices?"

Wheat acreage allotments have already been ordered. Brannan asked farmers to sow 17 per cent less acreage next year than they did this year.

Cotton farmers, too, won't be surprised to find themselves under allotments and quotas next year. Congress has ordered a slash in the national cotton acreage plantings from 27 million acres annually to 21 million acres each year.

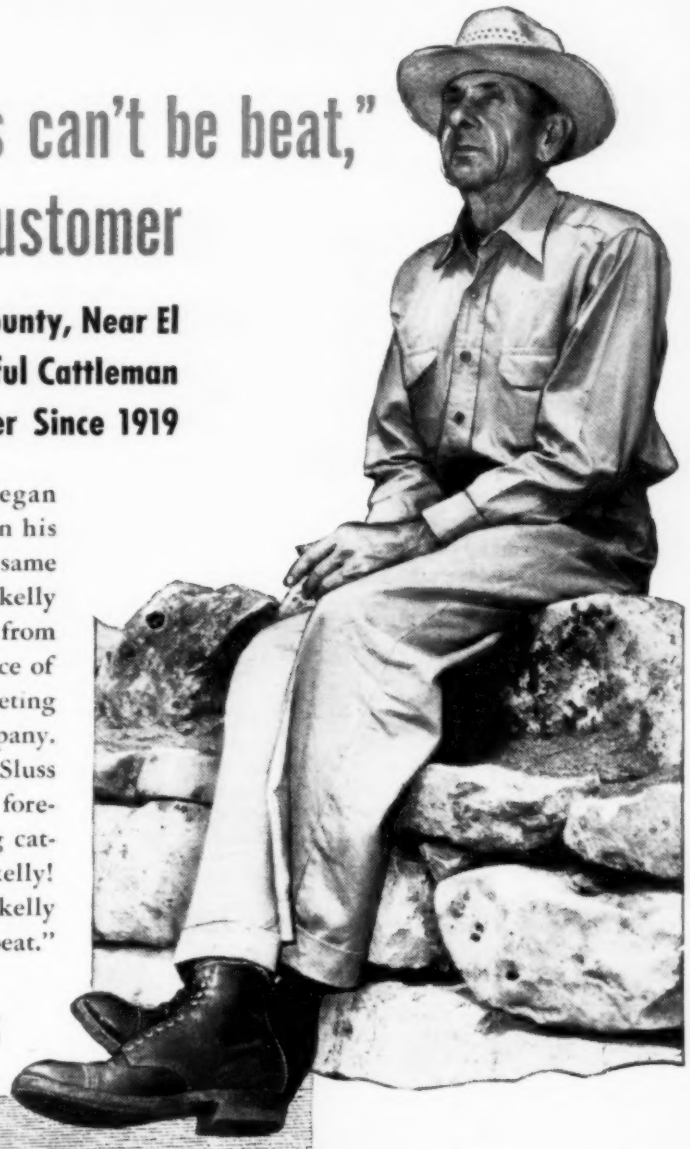
Rice output this year seems headed for a new record. The crop is forecast at 88,200,000 bushels. There also are hints from experts that the United States export market for rice is going to be a slimmer one starting in 1950. Officials are still divided on the question of controls for rice.

Tobacco and peanuts already are under quotas and allotments for some time yet to come. Quotas on these are imposed for three years at a time.

It adds up to very strict federal control of the principal United States farm commodities in the immediate future.

"Skelly Products can't be beat," says 30-year customer

George Sluss, of Butler County, Near El Dorado, Kansas...Successful Cattleman and Satisfied Skelly Buyer Since 1919



Back in 1919, George Sluss began breeding and raising cattle on his 1000-acre farm in Kansas. That same year, he started buying the first Skelly petroleum products that came from nearby El Dorado, the birthplace of the Manufacturing and Marketing Departments of Skelly Oil Company. In the thirty ensuing years, Mr. Sluss has become one of the nation's foremost breeders of prize-winning cattle. And he's remained loyal to Skelly! In his own words, "I've learned Skelly products and services can't be beat."

(Below) Typical examples of the fine, sturdy Brown Swiss cattle Sluss has marketed all over the world.

(Below) Several dozen head of registered Brahma cattle have joined the Sluss herd. At present, he is breeding them with some of his Brown Swiss cattle.

(Left) George Sluss recently sold this 2710-lb. Brown Swiss bull at Wichita. Reported to be the largest bull ever to appear on the Wichita market, the big fellow was a blue-ribbon winner for many years.

Skellyman Lot Leonard serves many farms around the El Dorado, Kansas, area satisfactorily. He's kept busy being a good neighbor to his customers and friends. Find out how Skelly can help *you*—contact your Skelly Tank Station Salesman or Jobber today. His full line includes Skelly Supreme, Skelly Fortified Tagolene and Heavy-Duty Motor Oils, lubricants, fuels, and accessories. Money-back guaranteed!

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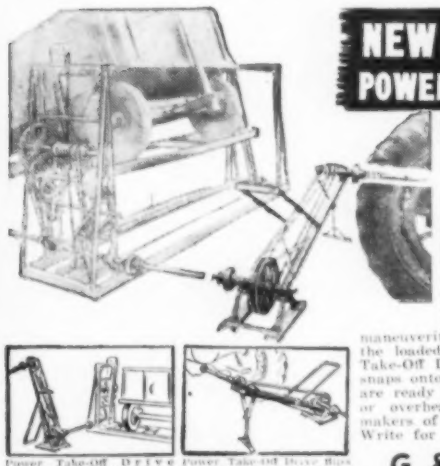

Power Take-Off Drive easily flips back out of the way for tractor and wagon to pull in or out.

Power Take-Off Drive flips into position on adjustable stand and is attached to tractor spline shaft.

NEW! Farmer's Friend POWER TAKE-OFF DRIVE

Dump Your Load In Half the Time!

Makes Your Grain Elevator Job . . . Easier, Faster, Safer.

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SAFETY FIRST!! Do your buying from firms advertising in Wallaces' Farmer and Iowa Homestead. If you do not find in Wallaces' Farmer and Iowa Homestead the articles you want to buy, just let us know what you want and we will be glad to give you names of reliable firms.

Father and son combination unloading combined oats in Osceola county, Iowa. Gerald is at left and father, Bert J. Dykestra, at right. Few oats in that area yielded well, tho quality was good

Clinton Still A Good Oat

Here's What Oat Breeders Think About Changing Varieties In Next Two Years

IF SOMEONE selling some "new" oats or some kind of Canadian seed oats hasn't called on you up to now, you can be pretty sure you have a visitor coming.

There was rust in Clinton oats this past season. That seemed to be the signal for an inrush of seed-oat salesmen. Some are selling good oat varieties; others of the varieties being offered may have been wonderful in the Peace River valley, but probably won't amount to much in Iowa.

Just how much did crown rust hurt Clinton oats this year? Lloyd W. Klotz, Chickasaw county, Iowa, says there was enough rust to make the jeep motor red, but he doesn't think it hurt yields much.

Lee Hahn, Butler county, Iowa, didn't notice enough rust to hurt his Clinton oats. They made 59 bushels. Harold Folkerts, Butler county, Iowa, says Clinton oats had some rust, doubts that it hurt much.

Folkerts thinks farmers should change to Reselect Clinton, but still believes in Clinton oats.

Dr. H. C. Murphy is in charge of oat disease work and of breeding new oat varieties for the USDA at Iowa State College. Does he think you should buy seed of a different variety next year?

Definitely not at 84 or 85 per bushel. He explains that for the past two winters Race 45 crown rust has overwintered in the south. If it overwinters there again this winter, and we have good rust weather, it may seriously lower yields of Clinton in 1950.

But it may not overwinter again; or we may not have good rust weather. Remember that this year was a bad year for oats, anyway. Murphy figures Clinton yields were cut 10 to 15 per cent by rust, the rest by weather.

If he was sure Race 45 crown rust was going to be serious, Murphy would rank the good oat varieties in this order:

Shelby, Cherokee (many call this Ames No. 2), Clinton, Benton, Colo, Marion.

If he was sure crown rust would not overwinter down south, or wouldn't be serious up here, Clinton would be at the top of the list for 1950, and in second or tied with Shelby for first in 1951.

SHELBY

Shelby won't be available next spring. It is being increased by the Committee for Agricultural Development next year, will be sold by farmer growers for 1951.

"Shelby definitely is a step forward, but don't get the idea that it is as much better than Clinton as Clinton was better than the older oats," says Murphy.

Shelby has high test weight, has been outyielding Clinton, has thin hulls and more smut resistance than Clinton. However, Shelby is not fully resistant to Race 45 crown rust, either.

It is later than Clinton, and four inches taller. Its lateness may hurt yields in certain seasons. It isn't quite as stiff-strawed.

CLINTON

When Murphy speaks of Clinton, he is thinking now of Reselect Clinton Illinois 11 or Clinton 59. He thinks you should switch to improved Clinton if you can do so at a reasonable price.

Nothing tested anywhere in the United States or in Iowa has ever

equaled Clinton for stiffness of straw. It is right at the top in yield—was only three bushels below Shelby in 1949 tests.

As Murphy says, "I wish I knew for sure what Race 45 would do this winter. But, even so, Clinton is still a pretty good oat in comparison with anything available for 1950 planting. Certainly, I wouldn't switch to some untested, unadapted variety.

"By 1951," he goes on, "I would try some Shelby. We think it is a little better than Clinton or we wouldn't release it."

CHEROKEE

This oat is popular in northwest Iowa. In a year when Race 45 is serious, it is expected to outyield Clinton. It is almost as tall, a day or so earlier, and has a good test weight. It has the same resistance to disease as Clinton, plus moderate resistance to Race 45.

BENTON

You probably are familiar with Benton, a sister selection of Clinton. It is taller—too tall, many farmers say—not as stiff-strawed, not quite as high yielding, but apt to be very heavy test weight. Race 45 crown rust hits Benton just as it does Clinton.

COLO

Colo is later, taller, and much lighter in test weight than Clinton. It is not as stiff-strawed. However, for 1950, it shows some ability to tolerate crown rust. By 1951, when Shelby is available, Murphy expects Colo to be outclassed, since Shelby has the same Race 45 tolerance plus other advantages.

MARION

Marion is still popular in some areas. It won't stand up on high-nitrogen soils. It is lighter in test weight than Clinton. Marion is moderately resistant to Race 45 crown rust, but it is susceptible to Races 8 and 10 of stem rust.

It may be fine for some areas. If you like it, keep on with it. It would be a mistake to build up a huge Iowa acreage of only Marion, however.

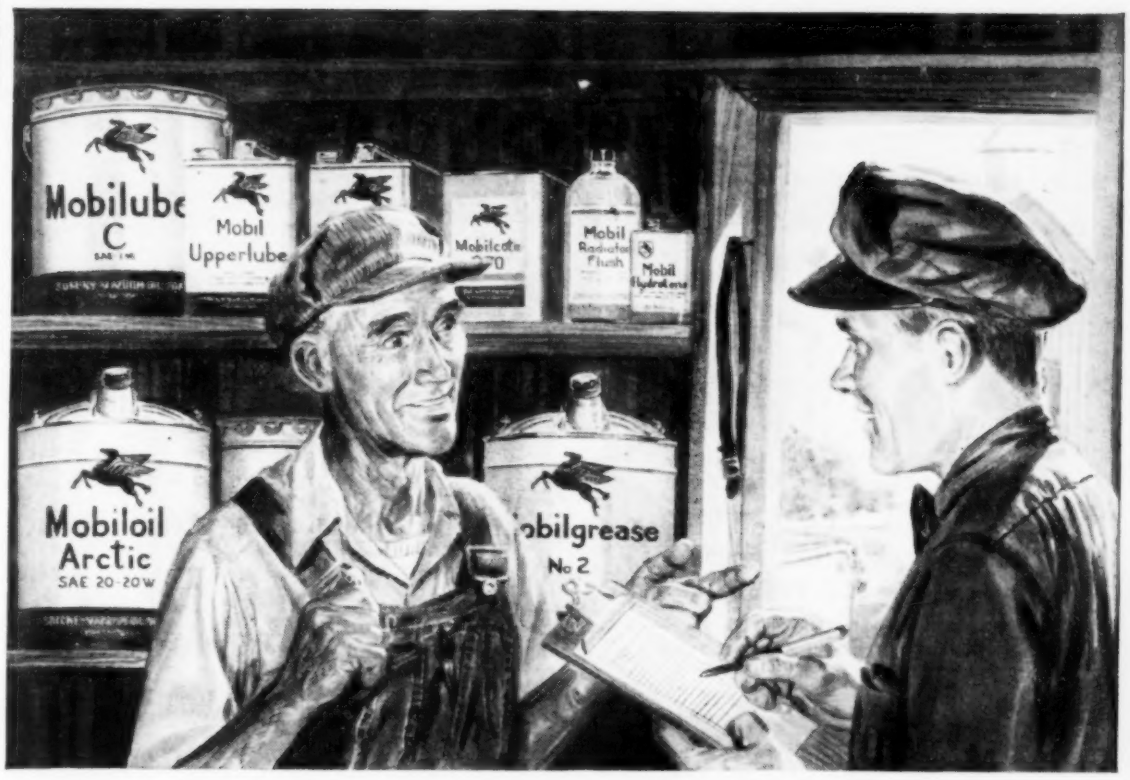
OTHERS

There are other good oats popular in adjoining states. You can go by their records in those states. Some of these oats, or oats from the same parent stock, are sold under different names in other states. You've probably heard of Zephyr, Mindo, Bonda, Nemaha and others.

Your county extension director will be glad to tell you about the seed oats offered for sale in your community. It may pay to check with him, to write the extension service at Ames, or to the Service Bureau of Wallaces' Farmer and Iowa Homestead.

"You swat him a dandy with your tail . . . when he turns around, I'll step in the pail."

Last Chance To SAVE MONEY



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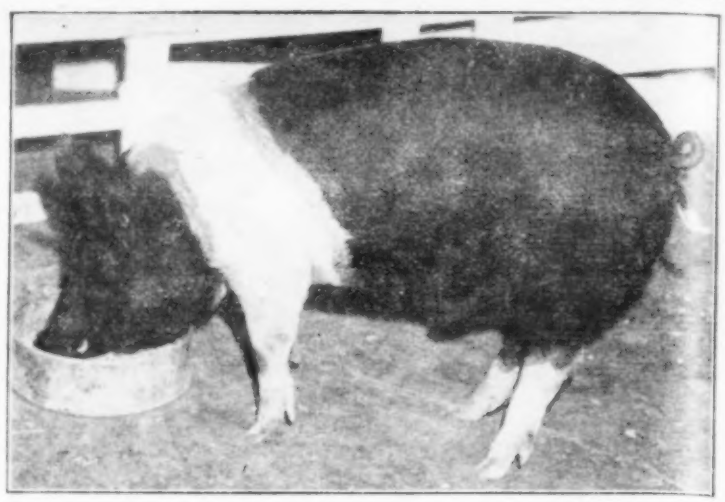

Grand champion open class market barrow at the 1949 Iowa State Fair. This pig weighed 201 pounds, sold for $1 per pound. Henderson Farms, Page county, Iowa, produced and showed the winner.

Quality Is Stressed In Barrow Show

State Fair Judges Wanted Little Lard; Pigs Had To Have Lots Of Ham, Loin And Bacon

THE market barrow show at the Iowa State Fair has just about outgrown its britches. At any rate, it's getting too big for one day's work.

Judges this year didn't finish on Friday, had to pick the champions just before the sale Saturday morning. But that worked out fine.

Part of the size of the barrow show is traceable directly to farmer interest. Breeders report that commercial hog men driving into their yards to buy boars are more apt to ask, "How have your barrows been doing at these shows?" than to ask, "How did your boars place at the State Fair?"

So breeders bring barrows to the barrow shows.

Part of the credit for the size of the barrow show goes to the 4-H and FFA entry list. And the youngsters brought out some quality pigs.

The FFA champion, a Chester White, raised by Roger Faulknor, Wright county, as a part of his Eagle Grove FFA project, went on to win the breed championship.

When the pig was driven for grand championship, however, he wasn't quite so hard, not so trim underneath and a little more "rolly" on top than the Poland China and Hamp competitors.

Grand champion barrow of the show, a 201-pound Hampshire shown by Jim Henderson, of Henderson Farms, in Page county, had been fitted on a ration of equal parts of ground corn, oats and wheat. In addition, he had a 40 per cent supplement plus a dried-milk supplement.

The reserve went to a solid lightweight Poland China barrow exhibited by Edward Forest & Sons, Linn county, Iowa. Forest had the pig fitted nicely and took him home to exhibit again at the National Barrow Show in Austin, Minn., this week.

For the second straight year, the champion FFA pen was shown by Richard Halstead, West Union, Fayette county. The pigs were farrowed on February 25.

The champion 4-H pen came from a litter of purebred Polands that also produced the reserve champion single pig. Twelve of a litter of 13 were saved by Leland and Leroy Watts, who live near Clarion, in Wright county.

These pigs come from some of the original bloodlines started in 1901 by the boys' grandfather, W. J. Watts, and continued by their father, W. L. Watts.

The pigs were started on rolled oats and skim-milk, and after weaning changed to soaked corn with supplement self-fed. They were finished on corn plus oats to hold them down a little.

Another pair of brothers, Jim and Jerry Spellman, teamed up to beat the Watts boys for grand champion 4-H individual barrow. They live south of Woodward, in Dallas county. This was their first trip to the State Fair as exhibitors.

Their Hampshire was out of a litter of nine farrowed March 1. They started and handled this litter almost the same way the Watts boys did.

Grand champion pen of the show went to C. T. Keen & Sons, Legrand, Marshall county, on their Chester Whites. Brown & Brown, Hampton, Franklin county, took reserve with their Poland Chinas. Both of the pens were lightweights, under 220 pounds.

The junior purebred show was held on Thursday, preceding the barrow show.

Junior breeding classes were judged by two Iowa breeders who got started in purebred hogs thru 4-H work. Leon Frantz, of Frantz Brothers Hampshire team, Greene county, and Beryl Keen, of C. H. Keen & Sons' Chester White establishment, were judges.

Another new feature was the division of prize money in the 4-H classes. All unused funds in the regular premium list were divided pro rata among the young exhibitors whose hogs did not place. That gave all 4-H members who exhibited some cash for their efforts.

SAVE YOUR LIFE!

If you've never been guilty of the carelessness described in this story, you're a mighty unusual person. N. J. Wardle, farm safety specialist at Iowa State College, tells about it.

"MARY, didn't you like the physics class today?"

"Oh, it was all right. John, look at the lovely colors in that cloud."

"Electricity is a wonderful thing. But we have to learn how to use it right."

"John, let's go for a drive tonight down by the river."

"O. K. Now, as we learned today, you have to have right size fuses in each circuit or you might burn out the equipment or cause a fire. I'll bet a lot of fires are caused by using the wrong fuse."

"Oh, bother!"

"What? No, it isn't much bother. Just use 15 amp fuses for all light circuits and check with the electrician on other circuits. I'm going to check on our fuses tonight."

"Oh, John, how about our ride?"

"We'll take a ride after I check on the fuses and do the chores."

When John reached home, he asked his mother if the fuses in their light circuits were the right size.

"I suppose so. They haven't burned out for several years."

"That may mean they are too large."

"Don't worry. They did burn out several times a year or two ago, but Dad got some new ones. He said they wouldn't burn out."

"I remember that. I'm going to check on them now." John ran out to the back porch where the fuse box was. He opened the box.

"The circuits are marked. That helps. Let's see now: Here's the electric range. Whee! That's 35 amps. I'll have to check with the electrician on that one.

"Now for the light circuits. Gosh! They are 30 amps. No wonder they never blew out!" John pulled the main switch.

"I'm going to look at the wiring here in the wall." The wall on the porch was part of a cabinet, with the light circuit wires going across the back—but easily seen when the cabinet doors were open.

As John took hold of one of the wires, the insulation crumbled and a section of bare copper wire shone thru.

No, there had been no fire in John's home. But one could have started any time. It's impossible to say just when over-fusing will cause a fire. That depends on the amount of the overload carried in the wire and the frequency of that overload.

But it is well to remember that a fire could start even at the time of the first overload. Usually, however, it doesn't happen right away. So you figure the large fuse is safe enough to use a little longer. After that, you decide all the worry over fuses is poppycock—and the large fuse is there to stay.

There is just one rule on fuses for light circuits. Always use fuses of 15 amperes or less.

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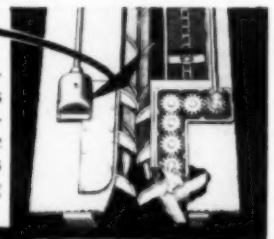

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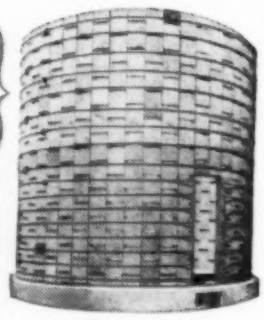

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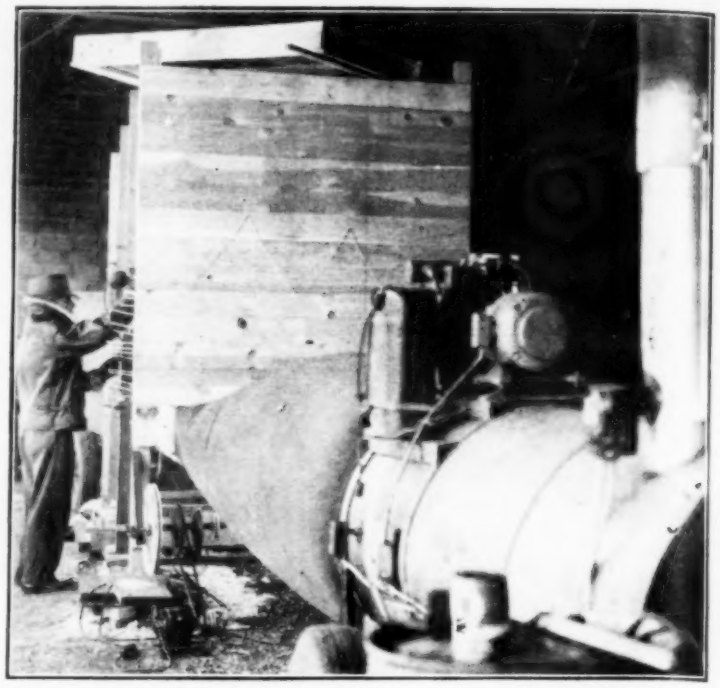


Engineers of the USDA are working at Iowa State College to develop a continuous-flow, small grain dryer for corn belt farms. Picture was taken during test runs made last winter. Regular commercial heating unit is used to supply the necessary heated air.

Building Improved Grain Dryer

USDA Engineers Are Running Farm Scale Tests On New Type Continuous-Flow Model

SOMETHING new in the line of farm-sized grain dryers is in the process of development by USDA engineers at Iowa State College.

The new development is a continuous-flow type dryer designed to handle shelled corn, beans and small grain. While not far enough along to be recommended yet for farm use, it shows promise of filling a need on Iowa farms.

The dryer has passed certain tests on a small-scale model in the laboratory. It proved satisfactory for drying shelled corn and beans in tests last winter. This summer, the dryer was tesfed on a farm scale during small grain harvest.

Continuous-flow means this: All you have to do is elevate grain into the dryer bin. Heated air is blown thru. Dried grain is augered out the other end of the dryer in a continuous stream.

The dryer is 15 feet long and 5 feet wide. The bin holds about 300 bushels of grain. It can be operated at different speeds. You can slow it down to get out a lot of moisture or speed it up to take out less moisture.

Portable heating units that are now available commercially supply the heated air. The same heating unit may be used for a batch-type dryer. Batch-type dryers are used now for drying ear corn in the crib.

The dryer is similar in construction to a grain bin with a false floor. This allows heated air to be forced up thru the grain. However, when the design stops here, the grain next to the false floor dries rapidly, while grain at the top of the bin dries very slowly.

So, in this dryer, the false floor is built like a grate. The grate-like floor moves back and forth. Grain is discharged as soon as it has dried to the desired moisture content.

In the drier being developed at Ames, grain moves downward and heated air is blown up thru the grain. This is new in farm-sized grain dryer design.

Agricultural engineers who are working on the development of this dryer say that the counter-air flow principle has several advantages:

Grain is dried uniformly. Higher temperatures can be used safely to speed up rate of drying. Waste of heat in the air that leaves the dryer can be kept to a minimum. Exposure of very wet grain to dry and hot air is avoided. That means less danger of damaging grain.

Most moisture removed from oats in the tests this summer was 8.42 per cent. Oats contained 19 per cent moisture when they went into the dryer and 10.58 when they came out. This was done at the rate of 40 bushels per hour.

The fastest that oats were run thru the machine was 300 bushels per hour. Moisture was reduced from 13.52 per cent down to 11.78 per cent. These oats did not need to be dried for safe storage. Oats can be safely stored at 14 per cent moisture.

Tests were made just to see what the machine would do. Engineers say the performance was good, as it is more difficult to remove moisture from grain containing little moisture than it is from high-moisture grain.

Temperature of the air blown into the dryer was 140 degrees. Dried grain came out at 105. If grain is going directly into storage, it may have to be mechan-

ically cooled as it comes out of the dryer.

Germination was not hurt. The tests showed that germination was not significantly reduced by putting the grain thru the dryer.

The dryer promises to be large enough for most Iowa farms. It will handle grain as fast as a 7-foot self-propelled combine can harvest it. It will dry corn as fast as it is shelled from a picker if the dryer is operated on a 24-hour basis.

Here is how you may use the dryer on your farm. It may save some of the oats now lost in windrowing and other operations. This is because you could combine the oats standing up while still tough. The grain can then be dried to safe storage levels as fast as it is hauled in from the combine. The same thing goes for beans.

It may save you several hours a day waiting for dew to go off in the morning. You won't have to quit early because of damp grain. You could combine even if the oats are a little damp, and dry the grain before you store it.

A lot of farmers will want it to dry shelled corn. Shelled corn takes up half as much space as ear corn. However, you have to watch moisture content more closely with shelled corn. Many times, you need to dry shelled corn before you can store it safely and when you want to.

That's where a continuous-flow dryer would come in handy. You could even shell right from the picker and dry the shelled corn before putting it in the bin.

It is not known just how soon the dryer will be ready for farm use. Not all of the "bugs" have been worked out as yet. It takes time to test and retest a machine.

In the tests this summer, one difficulty was encountered. Grain was tough when combined, and some straw was carried over into the grain. This straw lodged on the bottom grid system and slowed down the flow of oats from the dryer.

The engineers think that passing the grain over a screen on its way into the dryer would solve this problem. Too, adjusting the combine might help, or the design of the dryer shaker could be changed.

There are several disadvantages to this type of dryer. You will want to consider them before deciding whether you want this type of dryer.

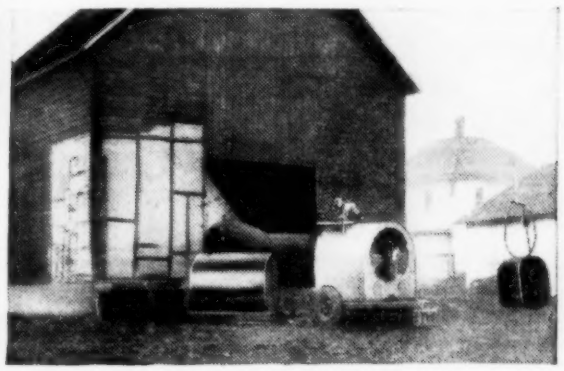
The equipment will dry only shelled corn, beans and small grains. It can not be used for hay, ear corn and similar materials. Extra equipment, such as a fan, may be needed for cooling the grain before it is put into permanent bins.

"Jim's rich and has a big dairy farm and I love him—but Joe's poor, and if I marry him I'll have only one cow to milk."

Farm Service Bulletin

1 IMPROVED VARIETIES OF GRASSES AND LEGUMES—will increase soil fertility, produce more forage, and cut production costs, say USDA specialists. Compare vigorous stand of wilt-resistant Ranger alfalfa on left with common variety on right. Seed of improved varieties is still scarce.

2 NEW TRACTOR TIRE EXPELS DIRT AND MUD—The Cities Service Loadmaster tractor tire has a double buttress continuous tread to shed muck and mud. It rides smoother on field or highway—gives better, cleaner traction and lasts longer. Buy from your Cities Service Farm Representative.



3 NEW CORN DRYING METHOD—Drying corn with forced heated air makes curing the crop pretty much independent of weather. Tests by United States Department of Agriculture show that mechanical drying also permits early harvest and protects grain from losses by heat and molds.

4 NEW MOTOR OIL REDUCES MAINTENANCE—Keeping in pace with the changing lubrication requirements of new cars and new farm equipment, Cities Service premium Trojan Motor Oil slashes operating costs. Maintenance and repair expenses go down with this new lubricant in use. Buy premium Trojan Motor Oil from your Cities Service Farm Representative.

CITIES SERVICE
QUALITY PETROLEUM PRODUCTS
Accessories for the farm

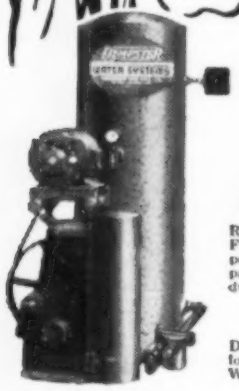
5 BIRD IN FREEZER—Chicken for company is ready quickly when birds have been frozen in new ways developed by United States Department of Agriculture. For illustrated leaflet AIS-74 send 5¢ to Supt. Documents, Washington 25, D. C.

We Saved Money By Getting the FACTS about RUNNING WATER

Send for DEMPSTER'S FREE FACT BOOKLET

Yes, hundreds of farm families are choosing their water systems the *right* way... by careful planning *before* they buy.

Send for FREE copy of DEMPSTER'S new booklet. Find out what you must do to get the most out of running water on your farm, and in your home.



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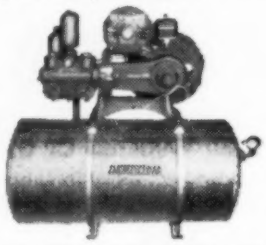
Rugged and dependable. Fewer parts for lower power costs. All moving parts enclosed in heavy-duty "reservoir" case.

Also Available: Dempster Deep or Shallow Well Ejector Type Water Systems.



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Famous for economy and efficiency. Interchangeable parts. Built to reduce power losses caused by friction.

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617 6th Street
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Send my FREE Fact Booklet at once.

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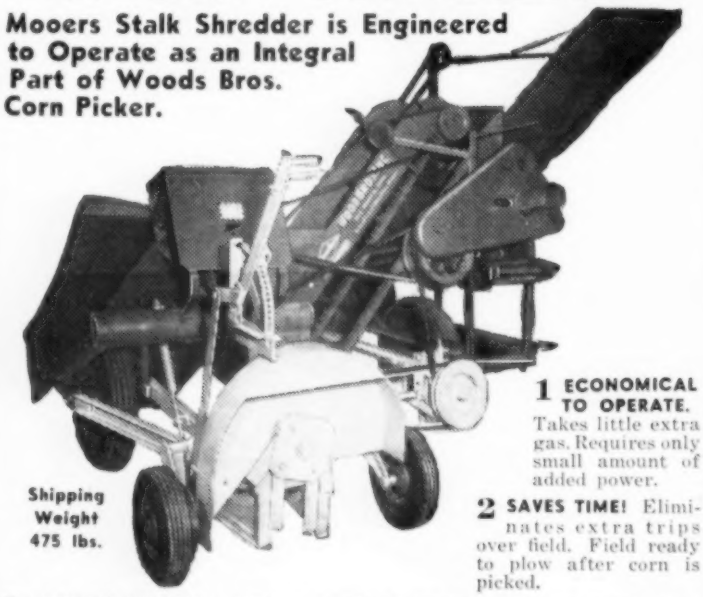
PICK CORN and SHRED STALKS IN ONE OPERATION

Mooers Stalk Shredder is Engineered to Operate as an Integral Part of Woods Bros. Corn Picker.



Shipping Weight 475 lbs.

1 ECONOMICAL TO OPERATE. Takes little extra gas. Requires only small amount of added power.

2 SAVES TIME! Eliminates extra trips over field. Field ready to plow after corn is picked.

3 EASY TO INSTALL! With a couple of wrenches and an hour's time you can attach the Mooers Stalk Shredder to your Wood Bros. picker. Direct hook-up to your power take-off straight through your picker with no loss of power in transmission. Equipped with four swinging hammers, the rotor turns at approximately 1600 rpm, driven by a 1 7/16" steel shaft fitted with two Sealmaster ball bearings. Speed jack shaft is Timken bearing equipped for long life and efficient operation. Shredder is easily adjusted by lever to any height.

The Mooers Stalk Shredder is equal in construction and performance to the famous Mooers Hammer Mill that is serving several thousands of northwest states farmers, setting records for fast and trouble-free service.

Field tested, this NEW Mooers Stalk Shredder is coming off the production line. INQUIRE TODAY at your local dealer. If he cannot supply you . . . order direct from factory.

MOOERS MACHINE WORKS
WINDOM, MINNESOTA

Champion baby beef of the 1949 Iowa State Fair was this 824-pound Hereford shown by Winona Jones, 19-year-old Decatur county, Iowa, girl. Winona had to beat 332 other entries to win the grand championship ribbon. At sale later, calf sold for total of $1,204.40.

Girl Shows Top Baby Beef

Winona Jones, Decatur County, Wins State Fair Grand Championship With Her Hereford Calf

A SLIM, 19-year-old brunette girl proved again that fitting and showing prize beef animals is not a job "for men only."

At the Iowa State Fair, Decatur county's Winona Jones showed her 824-pound Hereford calf, Model, in competition with 332 other 4-H beef entries, and came away with the championship ribbon. But it wasn't an easy win.

The champ had some classy competitors in the reserve champion, a 924-pound Angus shown by Glenn Mommsen, Clinton county, and the Shorthorn breed champion, shown by Ross Christensen, of Hamilton county. But Judges P. S. Shearer, of Iowa State College, and R. E. O'Connell, of Morrell & Co., chose the smooth-finished Hereford.

Winona won the Decatur county championship with her calf before she brought him to the State Fair. The champion is a 14-month-old Hereford that came originally from the pure-bred herd of Raymond Redman, of Decatur county.

He had been in dry-lot since last November when Winona got him. Model was fed a grain mixture of corn, oats and barley, as well as mineral and protein.

The prize-winning calf cost Winona $100 when she got him last fall from Redman. But the ten months of feeding and care since then paid off handsomely for her.

Model sold for $1.41 per pound at the auction Friday following the sale. So, besides her prize ribbon, Winona took home a check for $1,204.40 from John Morrell & Co., of Ottumwa, Iowa.

Glenn Mommsen's reserve champion, Peanuts, was not sold. Mommsen took the Angus home to enter him in the Quad-County Fair for eastern Iowa and western Illinois club members. Then he plans to take the calf to the International Livestock Exposition.

Ross Christensen's Shorthorn champion, King Cole, went to the auction sale, Friday, and sold for 45 cents a pound. Buyer was Rath Packing Co., Waterloo, Iowa.

Winona comes from a family of 4-H members, which has done well feeding and showing baby beeves. Her sister, Wanda, had a heavyweight Hereford at the State Fair that took fourth in his class. Her sister, Wynette, showed the top Angus lightweight in 1946.

Last year, too, Winona and Wanda took Hereford calves to the Iowa State Fair. Then Winona took a third with a heavyweight, and Wanda won a fourth with a light-heavyweight Hereford.

The three reserve breed champions were shown by Dale Seebach, of Tama county, with a Hereford; Eugene Slama, of Webster county, with a Shorthorn, and Stuart Stotts, of Hamilton county, with an Angus.

In county group classes, Marshall county 4-H members made a clean sweep of the breed groups. They showed the champion groups of five calves in each of the three breeds. The Angus were picked as best of the three.

A strong Clinton county group of baby beeves won the mixed county group ribbon.

Robert Luce, of Clarke county, Iowa, showed the best baby beef dropped by a former 4-H beef heifer. The winner was an Angus.

In the individual showmanship competition, Ronald Paasch, Pottawattamie county, was named champion. Dale Seebach, Tama county, won the reserve ribbon.

OUTSIDE STUFF

ROY A. Wood, Monona county, Iowa, has a different idea about corn borer control. He says bats in the Carlsbad caverns consume tons of moths and insects every night.

• • •

SO, Wood says, let's fly in planeloads of bats, house them in empty coal mines, and let them come out at night and feast on Iowa corn borer moths.

• • •

MOST of the farmers I've talked to lately feel that dry weather and corn borers have definitely cut their corn crop.

• • •

THOSE who sprayed more than once to control the first-brood borers seem to have had good results. But where a man sprayed only once, results generally have not been as good as expected.

• • •

SOME folks think the bean crop has been hurt this summer, too. I've heard several say they thought 20 bushels might be a good yield this year.

• • •

SO, IF you live in one of those sections of Iowa that got summer showers at just the right time, and your corn and beans are up to par, you can feel lucky.

• • •

JUST before school started, I was downtown, walking along Locust street. I passed a window where a merchant had placed a flag. Just behind me came a middle-aged woman and a little boy who looked like he might be five in time to start to school this fall.

• • •

AS THEY drew even with the window, the little boy said: "Look! Look!" The woman said: "That's a flag. When you start to school, they'll try to get you to bow down to the flag. Other kids don't know any better, and will.

• • •

"BUT," she went on, "we know better, and we don't pay any attention to it. You mustn't bow down or pay any attention to the flag, even if the other kids do."

• • •

FREEDOM means many things in many lands. In America, it means too little to too many people.

• • •

SO I PITY that woman in her ignorance. In many places, a whispered word from me would have had her jailed or shot. Not in America. Not here. Not where buddies of yours and mine died and suffered to make the Flag mean Freedom.

• • •

PROF. A. L. Anderson did a lot of judging during State Fair week. He stopped judging market barrows and left the Iowa swine arena at 6:30 Friday night to fly to Columbus, Ohio, where he judged Saturday morning. Then he had to hurry back to Iowa to judge Spotted Polands and Herefords.—W. D. Inman.

SHEFFIELD FENCE

The Good Neiqhbor Fence

Sheffield dealers, good neighbors of yours, keep adequate stocks of Sheffield Fence in your neighborhood stores.

Sheffield Fence is like a good neighbor — easy to get along with — hard to get along without. Your neighbors who sell Sheffield Fence can tell you about the special analysis steel, the extra long hinge joints, protective zinc coating and other construction features which go into making it a better fence.

But the quickest way to prove it to your own satisfaction is to ask your neighbors who use it. They know that Sheffield Fence is uniformly good fence — easy to get along with for a long, long time.

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DISTRICT SALES OFFICES: Chicago, Ill.; St. Louis, Mo. Des Moines, Ia.; Omaha, Nebr.; Wichita, Kans.; Denver, Colo.; Oklahoma City, Okla.; Dallas, Tex.; El Paso, Tex.; Lubbock, Tex.; San Antonio, Tex.; New Orleans, La.; Shreveport, La.

Carbon and Alloy Steel, Ingots, Blooms, Billets, Plates, Sheets, Merchant Bars, Steel Joists, Structural Shapes, Road Guard, Reinforcing Bars

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SHEFFIELD STEEL

FEED LAMBS; HERE'S REAL PROFIT NEWS!

You Can Push Lambs FAST; and no "Overeating Disease" Problems

If you have hesitated about feeding lambs because of possible losses from "Overeating Disease," here is good news. This trouble can now be PREVENTED by a new Bacterin developed by the "Corn States" laboratory. Tested in 3 years' research. Used on over 900,000 lambs last season. Overeating Disease losses reduced to little or nothing!

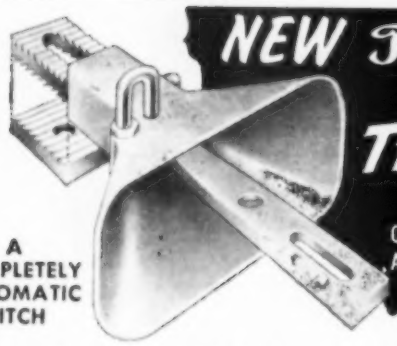
Your Veterinarian Has the Facts

Plan now to feed lambs this more profitable way. You can self-feed them, lamb-down corn fields, graze wheat and bean fields, without worry from "Overeating Disease" (Enterotoxemia). You save days of feeding time. You utilize waste feed. Hence, more profit. One big sheep company, seeing how this Bacterin protects, wrote: "If lamb feeding can be carried on each year with comparable results of HIGH GAIN and NO DEATH LOSS, it will revolutionize lamb feeding in the Corn Belt."

Very Low in Cost

Lambs over 2 months old can be immunized for the full feeding period. Only one treatment is necessary. Allow 10 days for immunity to develop. One or two lambs saved will pay for vaccinating about 100. Your Veterinarian has full information. Call him. Plan now to add lamb feeding to your profitable operations this fall.

THE CORN STATES SERUM COMPANY
OMAHA, NEBRASKA



NEW Farmer's Friend Self-Aligning TRACTOR HITCH

ONE BOLT TO MOUNT ON ANY TRACTOR AND WAGON

A COMPLETELY AUTOMATIC HITCH

Now—a safe, practical hitch that meets every farm need. Will save you up to 3 hours a day. It works on any tractor, truck or jeep. Connects automatically—releases easily. Not necessary to dismount to couple or uncouple. Ruggedly built. Promal metal—can't be broken. Only 2 moving parts—nothing to go wrong. See your Farmer's Friend Dealer or write for literature and prices.

The Farmer's Friend Hitch works perfectly on mounted corn pickers. No help needed to change from loaded to empty wagons.

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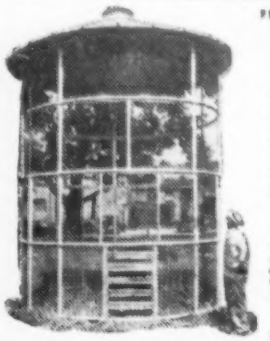

"SI-LO" CORN CRIBS

EASY TO ERECT SECTIONAL CRIB—COMES COMPLETE READY TO USE!

NOW a complete "SI-LO" CORN CRIB in easily erected, demountable, removable sections. Can be set up in an hour or two. Will store up to 1000 bushels of corn, depending on number of sections you buy. You can add sections for future enlargement. All sections interchangeable, held securely with drop bolts. NOT WIRE—but 13 GA. REINFORCED EXPANDED METAL throughout.

SOLID METAL SHEET ROOF IF DESIRED

You can use tarpaulin top or sheet metal as desired. Sections reinforced. Perfect ventilation assures safety to your corn. All parts painted. A very valuable, long-lasting piece of farm equipment. **PRICED LOW — WRITE FOR CIRCULAR.**

DEALERS: Write For Full Details on Dealer Plan.

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Box 166, Dept. B Kansas City, Mo.

Use Fertilizer This Fall

FALL application of commercial fertilizers makes good sense under several conditions, says H. B. Cheney, Iowa State College agronomist.

Using fertilizer at seeding time gives good results on winter wheat. But it's a good idea to test the soil before fertilizer is applied. Then you can be sure you are giving your soil the plant food it needs.

Cheney also suggests top-dressing new seedings with phosphate if none was applied last spring, and if soil tests show a deficiency.

Some old alfalfa stands also will respond to top-dressing of 0-20-0 or 0-45-0.

For brome grass seed production, nitrogen fertilizers can be applied very late in the fall—just before the ground freezes. Cheney recommends 100 to 200 pounds of ammonium nitrate per acre.

Can A Farmer Buy APF?

To the Editor: Where can I buy APF, or Vitamin B-12? What is its feed value compared with tankage? — C. B., Howard County, Iowa.

Merck & Company, a medicinal chemical firm, has been producing experimental quantities of "animal protein factor supplement." Price has been set at $2.50 per pound. But output is still being sold or given away to feed companies and colleges for research.

Merck says its product contains 12½ milligrams of Vitamin B-12 per pound of concentrate (one pound equals 453,600 milligrams).

Livestock specialists say that an ounce of pure synthetic Vitamin B-12 is enough for 3,000 hogs from the time they are weaned until they weigh 200 pounds. It would take about 60 tons of meat scraps to give them the same amount of Vitamin B-12.

APF is not yet marketed in a form practical for the average farmer to mix with his feed. But that won't stop you from getting the benefits of its use.

There are several feed companies which are adding APF to their regular feeds. Until APF is marketed in a form suitable for farmers to mix on their farms, the best bet is to buy a commercial feed containing APF. Or you can feed animal proteins that in themselves contain Vitamin B-12.

"It's a 50-50 proposition, Willie—you pull me uphill in my wagon and then I'll let you coast downhill with me."

NEW! Greatest Brush and Weed Killer Ever Offered

WEEDONE Brush Killer 32
Contains the powerful 2,4,5-T and 2,4-D.

KILL Brambles (Blackberry, Raspberry, etc.) • Poison Ivy • Poison Oak • Honeysuckle • certain species of Oaks • Osage Orange • Willows • Wild Cherry • Hickory • Buckbrush • Mulberry • Elderberry • Coralberry (devil's shoestring) • Buckeye • Hawthorn and over 85 other woody plants.

Clear PASTURES of patches of brambles and brush, as well as thistles and other perennial weeds, and get a permanent stand of grass.

Clear FENCE ROWS and roadsides of brush that robs nearby crops of moisture and plant food, while giving shelter to harmful insects.

Spray tree stumps to stop regrowth.

WEEDONE Brush Killer 32

The butoxy ethanol ester formulation

Kills a greater range of woody plants and perennial weeds than either 2,4-D or 2,4,5-T sprays used alone.

No vapor injury to nearby susceptible plants such as beans, cotton, tobacco and tomatoes.

Non-corrosive; non-poisonous to livestock or humans; not a fire hazard.

Kills weeds and woody plants without killing the grasses.

ALSO AVAILABLE: Weedone 2,4,5-T (contains 3 lbs. 2,4,5-T per gallon).

If your dealer cannot supply you, write to us direct. Free Brush Killer bulletin.

AMERICAN CHEMICAL PAINT COMPANY
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Makers of World's No. One 2,4-D weedkillers, successfully used on millions of acres throughout the world.

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Aggressive County and Division sales representatives. Full or part time. SELL WELL-KNOWN CULTURE PRODUCTS TO FEEDERS. Feeding knowledge and car essential. Submit qualifications, references to Box 21, Wallaces' Farmer and Iowa Homestead, Des Moines, Iowa.

U. S. SAVINGS BONDS ARE SAFE

Henry Leitschuh Grows Great Corn In Sleepy Eye!

Wins International Grand Championship

HENRY AND "CAMERA-ENLARGED" CORN

Raises corn, raspberries, doctors

SLEEPY EYE, MINN.—Henry Leitschuh won his first farm championship in 1912. He's been winning ever since, on almost every crop. Now his own selective breed of corn, Minowa 110, is International Grand Champion!

* * *

Eight new hybrid varieties developed and registered by Henry since 1933. With that kind of enthusiasm, Leitschuh farm may soon produce corn as big as the ear Henry displays in the stunt picture above! Another Leitschuh enthusiasm: Wheaties. Henry eats these delicious whole wheat breakfast flakes almost every day. Likes them with cream and raspberries. Grows his own berries.

RAISES DOCTORS TOO!

Mr. and Mrs. Leitschuh have three sons. All three doctors. Also, two daughters-in-law are nurses, one a medical technician. As in so many other families, all eat Wheaties. America's favorite whole wheat flakes. Nourishing! Three B vitamins, also minerals, protein, food energy in Wheaties. Famous training dish. "Breakfast of Champions." Had *yours* today?

50% more Wheaties for your family in the Extra-Big-Pak. Made-to-order size for active, hungry families. Saves grocery trips too. Get your Wheaties in the thrifty Extra-Big-Pak!

"Dave won't need us . . . he just finished a whole box of Wheaties."

"Wheaties" and "Breakfast of Champions" are registered trade marks of **General Mills.**

Farm and Feed-Lot

Hog Farms Earn More Than Grain Farms

M. L. Mosher, farm management specialist at the University of Illinois, says that for long-time profits you can't go wrong raising hogs.

He has made a recent study on 65 typical hog farms for the 23 years, 1925 to 1947. Hogs made a profit over all costs for 15 of those years, broke even in 1945, and failed to show a profit in seven of the years.

During any 10-year period of that time, hogs showed a profit.

In comparison with similar typical grain farms, the hog farms earned $440 more per year.

Buildings Need Good Anchor

Barns don't blow down—they blow up. The reason, says J. G. Andros, buildings specialist at the University of Illinois, is that they haven't been properly anchored to the ground.

Andros says there's no trick to anchoring a building. But it's easy to be careless about it, because the building seems heavy enough to stay in place.

For concrete walls, he recommends anchor bolts six feet apart and extending down 12 inches into the wall.

For concrete block or tile walls, sink the anchor bolts down thru at lease two courses of blocks. And be sure to fill the holes around the bolts with concrete.

For frame buildings, Andros recommends the "Trip-L-Grip" framing anchor. With this sheet metal connector, you can connect joints at sill, plate and ridge. It's made of 18-gauge, zinc-coated sheet steel, and is provided with nail holes.

If you follow these suggestions, your farm buildings won't blow up. They'll stay in place.

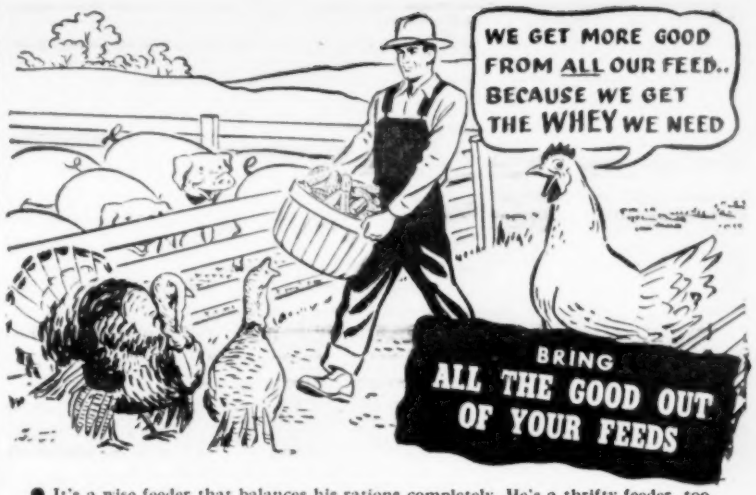
Grain Sorghums Are Good Hog Feed

To the Editor: Is grain sorghum all right to feed hogs? If so, is there any special way to feed it?—A. W., Webster County, Iowa.

Pound for pound, the grain sorghums are nearly equal to corn in feeding value for hogs. Kafir, milo and feterita are worth about 90 per cent as much as corn. The other grain sorghums have a little lower value. Seed from sweet sorghum is worth much less. None of the sorghums have the Vitamin A value that yellow corn has.

It is best to thresh sorghum before feeding. If you grind the heads, you force the hogs to eat the fibrous stems. This cuts down on the amount of grain they can take into their systems.

Morrison's "Feeds and Feeding" recommends grinding sorghum grain if you hand-feed pigs. If the grain is self-fed, it is all right to feed the grain whole, because self-fed hogs aren't in a hurry and chew their feed more thoroly.



● It's a wise feeder that balances his rations completely. He's a thrifty feeder, too, because he gets the good out of *all* his feeds when they're completely balanced. You save feed because they need less.

Milk nutrients, minerals and vitamins, are often needed to balance the average ration, and you can get these most *economically* by feeding Peebles' *Condensed* Whey-Product with Ribolac.* You get more than known milk nutrients . . . you get *unknown* growth factors present in natural milk sources. These "plus" factors are supplemented by the addition of Ribolac, exclusive Peebles' whey fermentation product.

You get an extra dividend when you count the extra eggs and meat you get . . . on less feed. Get this low-cost whey solids supplement from your dealer today. Results will prove you made the best buy in milk nutrients.

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SERVICE BUREAU

The Sign of *Protection*

Tenant, Not Owner, Gets Rent

To the Editor: There are several signboards along the highway on the farm I rent. Who gets the rent from the signboards, me or the landlord?—L. A., Poweshiek County, Iowa.

The rent for these signboards belongs to you unless the lease carries some other provision. The landlord gets his rent under the lease, and is not entitled to more.

Assessor Must Show Tax Record

To the Editor: Can the county assessor refuse to show you your assessment? Can he refuse to show other people's assessments if a property owner asks to see them?—M. D., Jasper County, Iowa.

The county assessor must show you your own assessment. He might be justified in refusing to show you the figures for other properties. Because they are subject to change up until the time the assessor turns the books over to the county auditor.

But when the books go to the county auditor, they become permanent records of the county. Any person is then entitled to see the assessment roll of any other tax-payer in the county.

No Need To Probate Estate

To the Editor: My wife and I would like to leave our property so that, in case one of us dies, the other would get the property without having to go thru lawyers and courts. We want to get away from probating the estate. Is there any way to do this? — E. S., Hancock County, Iowa.

Yes. Husband and wife, or any other two persons, may hold real estate or personal property as "joint tenants with right of survivorship." In case one dies, the survivor gets the entire property without any probate action.

This is a technical proceeding. You should consult an attorney and have the papers drawn up properly. You must have the papers drawn up so they clearly and definitely create the sole right in the survivor. Otherwise, the court may hold the papers create a tenancy in common, which would complicate settlement of an estate.

Gets Articles She Didn't Order

To the Editor: Last week, a company I never heard of before sent me some cotton goods. Now they have sent me a bill. Can they make me pay the bill? Do I have to send the goods back to them?—Mrs. S. O., Keokuk County, Iowa.

Here is what the Des Moines Better Business Bureau says regarding unordered merchandise:

"Recipients of unordered merchandise are not obliged to acknowledge its receipt—to return it—to pay for it, unless used—to give it particular care—to keep it beyond a reasonable length of time.

"Recipients of unordered merchandise are obliged to surrender it to the shipper, or his agent, if called for in person within a reasonable period of time, in which event the recipient may demand the payment of storage charges before relinquishing it.

"The Post Office Department's regulation with respect to the use of the mails for shipping unordered goods C. O. D. is as follows:

"'Collect-on-delivery shipments shall in all cases be based on bona fide orders for the contents of the articles or be in conformity with agreements between senders and addressees.'

"A practical way to curb the unordered merchandise nuisance is to make it unprofitable. This can be done effectively if recipients will hold such goods for a few months, at which time liability ends."

No Change In Rent Notice Law

To the Editor: Last spring, there was a bill in the Iowa legislature to repeal the rent notification law. Did it pass? Or do landlords and tenants still have to notify each other of any change before November 1?—M. T., Jefferson County, Iowa.

The law to which you refer was passed by the house. But it never reached the senate floor. So the rent notification law still stands. If you are a tenant and want to move, better notify your landlord. The same goes for landlords. You can do this by registered mail, with a return receipt demanded.

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D-X

Triple Indemnity Warranty Bond

Guaranteed Savings

When you buy D-X Motor Oil with Extrinol and other D-X Products in the Pool Car Oil Sale, you get quantity discounts for ordering your fall, winter and early spring petroleum products at one time. Don't miss this chance to save. Order *now.*

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When you order NOW, you are protected against any increase in price. If prices do go up, naturally you pay today's price when you take delivery. If prices go down, you pay the market price effective at the time you take delivery. That's real price insurance . . . yours if you order *now!*

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If you don't find that D-X with Extrinol or any other D-X Products you buy in this big Pool Car Oil Sale are the best you have ever used, Mid-Continent will give you your money back. Satisfy yourself that D-X is better—or it costs you nothing!

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with all D-X Products Purchased During the Annual Fall Pool Car Oil Sale

SEPT. 15 - NOV. 15, 1949

Mid-Continent Petroleum Corporation Tulsa, Okla.

49-5

Old Pigs Infect New Crop

To the Editor: Last fall, after I brought a boar home, my pigs suffered a severe attack of bloody scours. In spite of a strict program of sanitation, about 10 per cent of my spring pigs developed the same disease. What do you think we could do to stop this?—D. R., Hamilton County, Iowa.

It sounds as if you have on your farm some pigs which have had this intestinal disease but have recovered from it. These pigs still carry the germs.

So each new crop of pigs produced on your farm is bound to pick up some of the germs and go thru an attack of bloody scours. That's apparently what happened to your spring pigs.

Mixed infection bacterins have done some good at times. They are injected into the pigs just as serum and virus for cholera. They should be used as preventives, not as cures. Use of the sulfa drugs, notably sulfamethazine, has given good results of late. Sulfa drugs should be administered by a man experienced in their use. Overdose can harm the animal's kidneys.

We would advise you to sell off your old stock of pigs, since some of them may be carriers. Clean up the premises as thoroly as possible. Then bring in some new stock to make another start.

First Aid for Stock

What Is Salmonella Infection?

To the Editor: Could you give me any information on the hog disease called salmonella? Is this a new disease?—J. H., Monona County, Iowa.

Salmonella infection of hogs is not a new disease. While not the germ which causes hog cholera, it is often a secondary invader in many cholera outbreaks. True hog cholera is caused by a virus.

The germ which causes salmonella infection (salmonella cholera suis) lives in the soil. You are apt to find it in old hog lots. Also, some animals become chronic carriers of the germ after recovering from the disease.

The salmonella germ affects the intestinal tract. It causes severe enteritis, with blood appearing in the droppings, if the attack is severe.

Prevention is the best safeguard against salmonella. This means following the clean-ground system of raising pigs. Treatment never has been satisfactory. But, in recent years, sulfa drugs administered by experienced users have helped some cases to recover.

Sow Farrows, Won't Give Milk

To the Editor: My sow farrowed four days ago. But she hasn't any milk. Is there any way to bring her to milk? She is a good sow, and I'd like to rebreed her for spring pigs.—A. C., Worth County, Iowa.

If your sow has been on a good diet and has had some exercise during the gestation period, her lack of milk is probably due to some nervous disturbance. Often, a veterinarian can get the milk flow started by injecting an extract from the pituitary gland into the sow. But this injection must be given early, so it probably wouldn't help your sow much now.

There is a question whether this sow would be worth keeping for spring pigs. Even if she produced some milk the next time she farrowed, her udder would have only a small capacity.

Prize Cow Gets Milk Fever

To the Editor: Our best cow got milk fever after she had her last calf. We had the vet out twice and got her thru all right. We have been told we would have to sell the cow, since she will have milk fever again whenever she freshens. Is there anything we can do to save this fine cow?—Mrs. W. M., Madison County, Iowa.

Milk fever is a disease often found in high-producing dairy cows. Injection of calcium directly into the blood-stream usually results in prompt recovery.

You might be able to prevent future attacks of milk fever by feeding a ration high in calcium and those vitamins that help the body absorb calcium.

Give her plenty of alfalfa hay. And be sure she gets a concentrate to which a pound of irradiated yeast has been added per ton of feed.

The yeast won't cost you much, since it sells for less than a dollar a pound.

Feeding such a diet hasn't always worked. You may have to call the veterinarian again. But good dairy cows are hard to replace. So it's worth a chance.

TRIPLE GUARANTEE!

in the Annual Fall

POOL CAR OIL SALE

SEPT. 15 Through NOV. 15, 1949

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Also we offer a number of our:
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Homemaking Department

Edited by **ZOE MURPHY**

The public school at Jewell, Iowa, has a successful school lunch program. About half the enrollment are farm children. The cooks are Mrs. Elizabeth Johnson, Mrs. Mildred Knutson and Mrs. Otis Norris.

School Lunch Programs

MORE and more Iowa communities are adopting the school lunch program. A total of 882 schools served federally approved lunches last year.

How do they manage it? How are they able to keep the lunch reasonably priced? Let's look at a few school systems and see what makes the school lunch go.

Federal aid has been a big encouragement. Schools are reimbursed from federal funds at the rate of 6 cents per meal, if the lunch is up to certain specifications. Then various surplus foods are furnished free by the government. Schools pay only the transportation charges.

Schools wishing to qualify for such government aid must first make application to the State Department of Public Instruction at Des Moines.

Among those which have taken on the program, there is a wide variety of ways in which they handle the job. In these Iowa schools, average cost to the children for the complete lunch last year was 23 cents. Some charged more, some less. If the cost is too high, more families will begin sending dinner-pails again.

The only 12-grade set-up in Iowa where lunch is served free to all is at the Volga school, in Clayton county. Here is an outstanding example of the whole community—both town and country—pitching in to help.

The Volga school is not consolidated. The surrounding country districts send in their pupils on a tuition contract. "But we all belong to P. T. A.," said Mrs. Walter Roys, one of the rural mothers. "And the P. T. A. sponsors the lunch."

Each mother helps once—then, when they start around again, the mothers with only one child each in school are dropped from the list. (Mrs. Roys has mothered eight, but the oldest are in college now.)

Pupils donate their share of time also. Teams of three girls each from the eighth grade help an hour at noon with the serving. Another group comes in late for dish-washing. Boys and girls from fifth grade up have to take their turn at that.

Don't the patrons get tired of helping with the school lunch? No. They're back of it practically 100 per cent," said E. T. Smith, whose farm is on the opposite side of town from the Roys place.

"The women are glad to spend the necessary days helping," he explained, "if that will save them from putting up the lunches in pails for the whole year."

It's the Mothers' Club at Dundee consolidated school (Delaware county) which sponsors the school lunch there.

"We charged 20 cents last year," said Mrs. Lyle Puffer, president of the club. "We talked of reducing it, but thought we'd better not. We'd been fortunate in getting a lot of surplus foods last year. We may buy more silverware with some of our extra funds."

The cook at Dundee has had restaurant experience. She is paid 6 cents per plate, and furnishes her own helper. "She is good to cook what the youngsters like," said Mrs. Puffer, "and very little goes into the garbage pail."

She went on to tell how the work is organized. "All the mothers are at our picnic the last day of school," she said. "There, we choose our president and a committee of twelve who are to operate the school lunch for the year.

"At first, we did more canning than now, since the school lunch program has got on its feet. But we had seven or eight canning days at the close of school, taking care of the surplus dried fruit.

Meals served at Dundee numbered about the same as at Volga—up to 140 a day. Practically all children from the country take lunch, according to Mrs. Puffer, and about half of the children from the town.

At New Providence consolidated school, in Hardin county, last year, the charge was also 20 cents per meal. Practically all the 250 pupils participated, according to Supt. G. J. Lorber. Only one family brought dinner-pails.

The children purchase meal tickets. A few were given a chance to help pay on these by assisting in the kitchen. Otherwise, the two cooks handle all the work.

Lunch is prepared and served in rooms entirely separate from the home economics classrooms. "But the home economics teacher is the supervisor of the lunches," said Mr. Lorber.

"She makes out the menu in consultation with the cooks. They figure out the quantities needed. Then they bring the list to me, and I do the ordering. We buy everything wholesale."

The superintendent keeps all records—which should be easy for him, since he is the bookkeeping instructor.

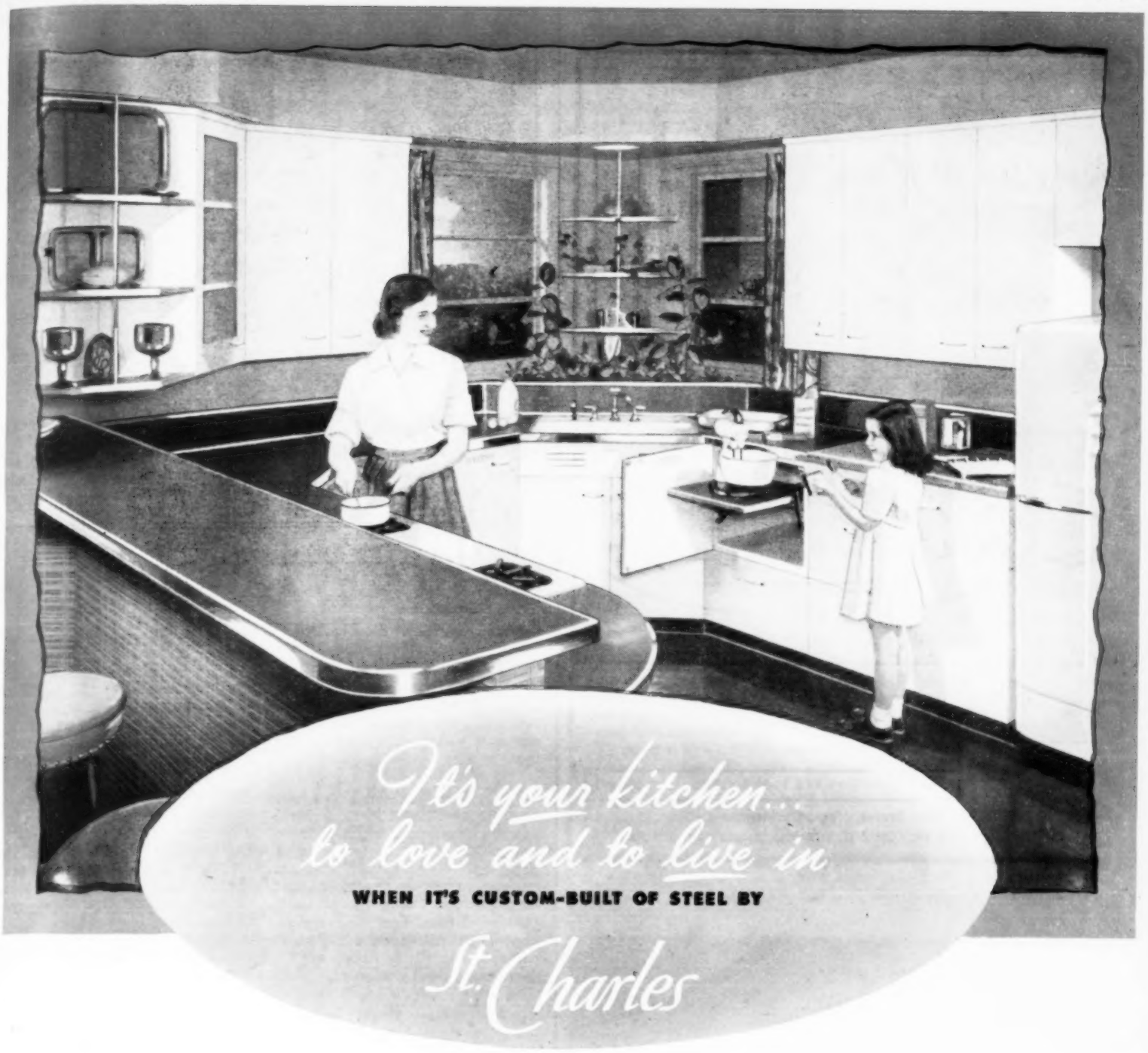
With no donated help, they have still made enough in the past year to buy a dish-washer. Also to help pay for a 12x16-foot storage cave adjoining the basement kitchen.

One of the school janitors, Art Church, who is a carpenter, did most of the construction work on it.

They plan to keep the deep-freeze cabinet in it also. This allows them to buy beef on the hoof, butcher it and store it there. Right now, they have government-furnished cheese and dried fruit in the freezer, held over from last spring.

School cooks can get recipes which will be helpful in making the best use of these surplus commodities. That's just one of the services of the state nutritionist for the lunch program, Miss Hazel Grimes.

The school lunch fills a need—there's no doubt about that. And any community can find a way, if they want it badly enough.



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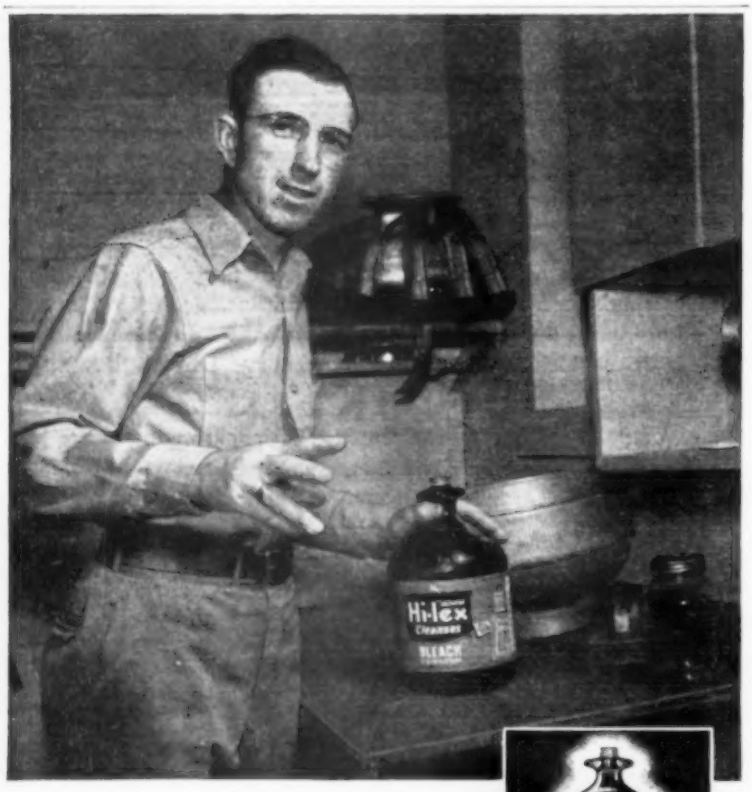

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"With a production record of over 400 pounds of butterfat per cow per year," says Ralph Diehl of Hillsboro, N. D., "sanitary dairy methods are vitally important. Hi-lex has been a real help in helping to keep the bacteria count low and our production and quality at Grade "A" level. I wouldn't be without Hi-lex!"

BUY Hi-lex . . . BUY THE GALLON . . . BUY THE CASE

Play equipment that you can build at home was the theme of the Adams county, Iowa, Rural Family Living exhibit. It proved to be a popular booth for all children.

COUNTRY AIR

By **ELIZABETH C. WHERRY**

THERE could be a mite of prejudice mixed in with my delight in the Great Jones County Fair. After all, it's home—the land of my own Iowa—the county fair that belongs to the home farm.

* * *

For various reasons, I've not been to the G. J. C. F. for several years. This year, when I drove down the street to the gate, I experienced again that knot of excitement in my middle that identifies itself with the banners, barkers, bands, people, livestock, popcorn, hamburgers, exhibits and competition. It was tinged with a good measure of nostalgia.

* * *

At the Jones County Fair, I was so excited over the new spread of the Midway along the approach that my driving needed directing.

* * *

However, by the time I reached the far ends of the parking area, my excitement was over something else again. Cars! Rows and rows and rows of them.

* * *

There's something significant about hundreds of parked cars, especially when they're more than likely to belong to farmers, and when most of them are new and shining, and give evidence of comfort and prosperity.

* * *

Of course, the first thing we headed for was the famous fat steer show. There's a lot I don't know about feeder steers, but smooth, fat backs and wide rear elevations are good indications in my judgment.

* * *

And whose fat backs did I see? Only those of all the people who got there before we did, with the rear elevations of same as they hung over the seats of the stock show amphitheater.

* * *

We stood around the outside, but couldn't learn much from the shouts of "number on the ear" and "number on the hip," so meekly learned another lesson in the sins of tardiness and walked on.

From the fat steer show, which we didn't even see the fat backs of, we wandered on to exhibits. The machinery reminded my city friends that farming is a mechanized industry. The chocolate cakes reminded us that we'd skipped lunch—a lack easily remedied by a proper hamburger.

* * *

I blush to confess it—but my real interest in fairs is races, acts, bingo and sideshows. I never want to earn my living riding race horses, I'd not get to first base as a trapeze artist, and I'd not like to spend my summers calling out bingo numbers.

* * *

I might eventually qualify for a certain sideshow if I continue to ignore the fact that I love my food all too well.

* * *

My companions—both cultured people and authorities on the English language—objected to the announcer's grammar at the race track.

* * *

Someone pointed out rather neatly that the announcer might be just as grieved over my friends' grasp of the fine points of racing as they were over his use of English as it's spoken in racing circles. He has his professional pride, too.

* * *

There's no doubt a reason for the G. J. C. F. never having missed a year, for the clean fair grounds, the good show it all adds up to, and the financial security of the association.

* * *

For one thing, it is really a community interest. Nobody is blase or bored about it. The towns people measure their year's activities by the fair. In fact, one man says it's not the county fair to them, it's The Fair—capital "T" and capital "F."

* * *

Ever since I've known Monticello people, even before I belonged to Jones county, they have spoken of the Great Jones County Fair. It's their baby—93 years old and still growing.

New Fall Frocks

No. 2506—A smartly styled daytime dress. High slit neckline. Gay buttons. Sizes 12, 14, 16, 18 and 20.

No 8479—Perfectly tailored. Versatile as can be. Striking diagonal treatment. Sizes 14, 16, 18, 20, 40, 42 and 44.

8506
12-20

8497
14-44

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8499
4-12 yrs.

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1839
9-18

Patterns, 25c each, in coin or stamps, are featured in Our Fall and Winter FASHION Book, price 25c. Filled with information and useful hints. Order from Patterns Department, Wallaces' Farmer and Iowa Homestead, Des Moines, Iowa. CAUTION: Be sure to give your name and address.

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There's real money for you selling Christmas and Everyday card box assortments. Prices slashed on some $1 boxes to 25c and 35c. Also large selections of nationally known assortments—plastics, metallics, imprints, children's books and gifts. Write SOLIE MFG. CO., 3151 Nicollet Ave., Minneapolis 8, Minn.

U. S. SAVINGS BONDS ARE SAFE

A work-shop type of exhibit was used by Marshall and Tama counties, Iowa, working together. Mrs. Oner Nedhus, at the dummy, and Mrs. Guy Johnson (back turned), are from Tama county. Viewing the work are Mrs. Alfred Harem and Mrs. Wilbur Gummert, Marshall county, Iowa, and Miss Geneva Babbitt, of Sullivan county, Missouri.

Women At The Iowa State Fair

The Exhibits, The Weather And The Crowds Made A Very Successful Fair

"I CAN'T see Grandma!" piped a child's voice behind me when I was waiting for the Rural Woman's Chorus from Iowa county to go on the air, one noon during the Iowa State Fair.

I don't know which one was "Grandma"—she could have been one of several of the women who were grouped on the stage. For the Iowa county chorus is typical of the women's choruses over the state. Women of all ages who are interested in singing check their babies or their grandchildren for two evenings a month, and often go long distances to practice.

This particular chorus is a relatively new one. It was organized in February of this year, under the direction of Mrs. Milton Maack—a farm woman who gives generously of her time and talent.

There were 17 counties represented at the fair this year in the Rural Family Living department. Exhibits here are shown each year in the Women's and Children's Building, and are a direct outgrowth of the studies during the year by women back in the counties.

"You should be here when we are setting up the exhibits," said Louise Rosenfeld, director of home economists at Iowa State College. "That's a story in itself."

It takes only a few women to show and explain the booth once it is set up. But it takes lots of women and their husbands—and sometimes even the children—to set up the display. It's really a working example of the program.

Cass county had a popular booth built on the idea of a peep-show. The theme—"When the Family Entertains." Attractive table setups were shown on colored slides.

Just as different was the theme presented by Appanoose county, entitled, "Clear the Tracks for Better Schools." This display covered the problems that face every community that wants and needs better schools—bad roads, lack of funds, lack of interest, etc.

Marshall and Tama combined for a work-shop type of exhibit. Each step in plain sewing was demonstrated—from the selection of material to the cutting and finishing of a garment. It was an extremely popular booth.

Louisa county had a fine display on home lighting. So did Union county with the "Family Library." Humboldt county had made a year-long study on rural health. Their program was demonstrated in their booth with actual photographs of their progress.

Washington county branched out with the story of a tour to neighboring states last year, illustrated with colored slides. Another eye-catching exhibit was "Music of One World," by Ida county.

All of the booths showed the creative study and thought back of their displays.

Outside of the rural family living department there was progress, too. The culinary department showed more than a hundred new entries over last year. Not only entries, but new names were winning first prizes. Breads and rolls still lead the list, but home canned products are increasing.

Members of the young married couples' class in a rural church near Stockport, Van Buren county, Iowa, combined a vacation with some very hard work at the fair this year. Their church is being remodeled.

The H. and R. class decided to raise their quota by having a food stand at the fair. Several young couples came for the duration of the fair.

It was a good fair—the weather, the exhibits and the crowd. We'll look for you again next year at the Wallaces' Farmer and Iowa Homestead booth.—Z. R. M.

Marjorie Schloeman (left) and Margaret Mitchell, from Benton and Linn counties, Iowa, look at a blue ribbon dress made by Janice Rinker, of Boone county, Iowa.

Successful Year For Four-H Club Girls

There Were More And Better Exhibits On Display This Year Than Ever Before

"I ALWAYS wanted a room of my own," said 14-year-old Helen Glassgow, of Taylor county, Iowa. Then she added: "I've always had a room, but it wasn't fixed up until I got interested and busy this summer."

Helen did a good job of fixing up her room—so good that it was displayed almost intact at the Iowa State Fair this year. Her bed, chest of drawers and chair were pieces of furniture that had been discarded by her family. But, because they were simple and had good lines, Helen used them.

First, she removed the old, dark varnish—that was just plain hard work. Then she refinished the natural wood with three coats of floor seal and a lot of rubbing with a soft cloth to bring out the luster.

The dressing table top was made from an old library table. Her chair had been discarded from her mother's kitchen.

The principal color was a gray-brown — the bedspread a brown denim and the curtains a lime-green. The whole room had a simple and charming air that any girl would be proud of.

Helen spent a total amount of $31.75 in the whole process of refinishing her room.

After watching the 4-H Girls' demonstrating teams at work, one wonders if mothers are necessary in the homes of these girls. They can go ahead, plan and prepare a meal with a precision that makes many old-time cooks envious.

The girls can sew, plan and keep a budget, refinish furniture, and can. The program is well rounded and practical.

There were 33 blue ribbons awarded to demonstrating teams after the four days of competition. Among those who won these ribbons were Darlene Kelley and Maxine Hall, both of Allamakee county, for a demonstration called "Double-Deck Dairy Dishes."

Helen Brooks and Martha Shivvers, Marion county, won a blue ribbon for their clothing demonstration entitled "Pick a Pocket."

Another interesting demonstration was the one put on by Dorothy Schnicker and Dorothy Guy, both of Washington county. This called for detailed steps in recaning an antique chair.

Rose Alice Dunbar and Margaret Johnson, Winnebago county, received an award for their work on a demonstration entitled, "Salads: Cool, Crisp and Colorful."

"Slip-Cover Magic" was the title of the prize-winning demonstration put on by Virginia Gubbels and Bernice Lickteig, of Shelby county. A good-lighting demonstration was put on by Donna Crawford and Crystal Wilson, of Tama county.

Emmet county girls, Jo Ann Justice and Margie Moore, were given a blue ribbon for their demonstration called "Foot Facials."

"Sweater Sense" was the title of the demonstration put on by Betty Danner and Donna Fae Passmore, of Muscatine county.

Miss Whetstone, state Girls' 4-H Club leader, reported more exhibits in every division than ever before.

The new uniforms this year made a bright splash of color all over the grounds. The blue-green material seems to suit all complexions. The lines are trim and attractive.

The Style Revue is always a very dramatic demonstration. Evelyn Hoopes, of Muscatine county, was chosen as Iowa's best-dressed 4-H Club girl. Evelyn's dress was a forest-green wool that she made herself at a total cost of $20.47. There were 33 girls in the revue.

Margaret Mitchell, of Linn county, was the runner-up. Darlene Kohlhaas, of Humboldt; Shirley Burke, of Hamilton, and Betty Nelson, of Audubon county, tied for the next place.

Ann Ewoldt, of Scott county, and Ardith Riedesel, of Greene county, were next in order.

TOP HONORS! Chocolate Chip Cookies ...Simply Super with FOLGER'S

MRS. WM. A. JOHNSON, of Oklahoma City, took First Prize in the 1948 Oklahoma State Fair with her famous Chocolate Chip Cookies. She says they go especially well with the famous Folger Flavor!

CHOCOLATE CHIP COOKIES

1 cup butter or margarine
½ cup sugar
1¼ cups brown sugar
2 eggs
2¼ cups flour
1 tsp. soda
1 tsp. salt
2 tsp. vanilla
1 cup pecans
2½ pkgs. chocolate chips (6 oz. pkg.)

Cream butter, sugar. Add eggs. Sift flour, add soda and salt. Add to first mixture. Then add vanilla, nuts and chocolate chips. Bake 375° for 10 to 15 minutes.

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Folger's is a very special coffee . . . with a rare, winey tang and a rich, vigorous flavor that is completely distinctive and individual. For nearly 100 years, the people of Folger's have developed a know-how in preparing rare Mountain Grown coffees to produce a coffee flavor that is beyond compare. Won't you try Folger's at your house, soon . . . and discover how wonderful a cup of coffee can be?

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FOR WOMEN

(WHO BAKE AT HOME)

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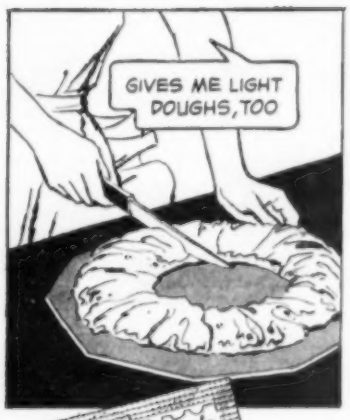

LOOKIT—buy 3 packages at a time. Keep it handy on your pantry shelf. Needs no refrigeration positively!

3 times as many women prefer FLEISCHMANN'S YEAST

Rheumatism Yields To Specialized System Of Treatment

Excelsior Springs, Mo., Sept. 17.—So successful has a specialized system proven for treating rheumatism and arthritis that an amazing new book will be sent free to any reader of this paper who will write for it.

The book entitled, "Rheumatism," fully explains why drugs and medicines give only temporary relief and fail to remove the causes of the trouble.

The Ball Clinic, Excelsior Springs, Mo., has perfected a specialized system of treatment for rheumatism and arthritis combined with the world famous mineral waters and baths. This system of treatment, which has proved successful for over thirty years, is fully described in a book that tells how it may be possible for you to find freedom from rheumatism.

You incur no obligation in sending for this instructive book. It may be the means of saving you years of untold misery. For writing promptly, the Clinic will send their newly enlarged book entitled, "Rheumatism." Address your letter to The Ball Clinic, Dept. 40, Excelsior Springs, Missouri, but be sure to write today.

"Old at 40,50,60?" —Man, You're Crazy

Forget your age! Thousands are peppy at 70. Try "pepping up" with Ostrex. Contains tonic for weak, rundown feeling due solely to body's lack of iron which many men and women call "old." Try Ostrex Tonic Tablets for pep, younger feeling, this very day. New "get acquainted" size *only* 50c. For sale at all drug stores everywhere.

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GRANDMA GOODWIN
DEPT. 1-A GIRARD, ILL.

When writing to advertisers, will you please mention this paper.

Frozen Food display draws the interest of a lot of women. The display was planned by the women of Mills county, Iowa, for the State Fair.

COOKERY CORNER

ESCALLOPED CHICKEN

1 4½-pound hen
2 teaspoons salt
½ cup chicken fat
½ cup flour
3 to 4 cups chicken broth
1 small can mushrooms and juice
¼ small can pimiento
10 soda crackers, rolled fine
2 tablespoons yellow cheese
Paprika

Dress hen and cut into pieces. Cover with water, add salt, and boil until tender. Add water while cooking if necessary. Save broth and cool. Cut chicken into small pieces after removing from bones or grind with coarse cutter. Skim fat from broth, measure, and melt in sauce-pan. Add flour. Cook a few minutes. Add broth and liquid from mushrooms. Cook and stir until smooth and thick. Add chicken. Salt more if needed. Grease casserole. Add one-half of chicken mixture. Add one-half of crackers. Add remainder of chicken, and top with remaining crumbs. Sprinkle with cheese and paprika. Bake for one hour in 300-degree oven.

PEACH CUSTARD

3 eggs, beaten
⅔ cup sugar
2 cups milk, scalded
½ teaspoon salt
1 teaspoon almond flavoring
5 large peaches

Peel and slice peaches into a three-pint casserole. Beat eggs; add sugar and salt; beat again. Scald milk; cool; add to egg mixture; add flavoring; pour over peaches. Place in 325-degree oven 45 to 50 minutes, or until a silver knife inserted in center comes out clean.

ORANGE CUSTARD PIE

½ cup sugar
3 tablespoons flour
1/6 teaspoon salt
2 tablespoons butter
3 eggs
1 cup milk
½ cup orange juice
1 tablespoon grated orange rind
Pastry shell

Sift flour, sugar and salt into a large mixing bowl. Blend butter into this mixture. Beat egg yolks until thick and lemon-colored. To them add the milk. Combine with flour mixture, mixing thoroly. Add orange juice and rind. Fold in the stiffly beaten egg-whites and pour into the prepared pastry lined pan. Bake 15 minutes at 450 degrees. Reduce heat to 350 degrees and bake until set. — Blanche Campbell, Nevada.

BARBECUE BURGER MIX

Dorothy Rittgers, also of Polk county, who keeps house for her father, a retired farmer, loves to delight her brother's four children with picnics in the backyard. Her special recipes of barbecue burger mix and barbecued frankfurters should be prepared at home, and, if going any distance, should be reheated and served on buns.

Here's her recipe for barbecue burger mix:

1 pound ground beef
½ cup chopped onion
¼ cup chopped green pepper
¼ cup chopped celery
⅛ ounce can tomato sauce (one cup)
¼ cup catsup
1 tablespoon vinegar
1 tablespoon sugar
1½ teaspoons Worcestershire sauce
⅛ teaspoon pepper

Brown meat in hot fat; add vegetables. Cook until vegetables are tender. Add remaining ingredients and mix well. Cover. Simmer 20 minutes. Serve on hamburger buns. Garnish with pickle slices. Serve with relish plate. Serves five or six.

LEMON ICE CREAM

2 eggs
⅛ teaspoon salt
1 teaspoon lemon rind, grated
½ cup lemon juice
½ cup sugar
1½ cups milk
½ cup light corn syrup
1 cup whipping cream

Beat eggs with salt and lemon rind. Add lemon juice and sugar. Stir in milk and corn syrup. Pour into refrigerator freezing tray and freeze until mushy—about 45 minutes. Remove from tray to chilled bowl. Beat smooth with beater. Fold in whipped cream. Return to tray to freeze until firm.

Mr. and Mrs. D. J. Cobler recently remodeled their 40-year-old farm home in Wapello county, Iowa. Mrs. Cobler vacuums the rug in front of the picture window in her attractive living-room.

End Of Summer Inventory

A Farm Woman Looks With Satisfaction At Her Work During The Past Summer

THIS golden autumn day, I took a basket of my last-of-the-garden relish to the basement and lined it up in even rows along the edge of the bottom shelf.

I stopped a moment to take a look at my summer's work. It made me think of the Aesop fable—the one where the ant asks the cricket: "What have you been doing all summer that you haven't anything to eat now?" I felt that I had much in common with the self-satisfied ant.

I took a leisurely inventory of my basement shelves. Along with my relish, I counted two rows of pickled beets, forty jars of cucumber "bread and butter" pickles, as crisp as new spring lettuce, and a few small jars of spiced sweet pears.

I eyed with pride my cupboard filled with jams, jellies and marmalades. I could almost see them melting on crusted, golden biscuits some January morning.

I added the two long rows of golden-kerneled corn and one row of green beans.

In the corner, with boards to keep them away from the damp basement floor, the bright yellow pumpkins and Mother Hubbard squash made a splotch of color. I became confused with my arithmetic trying to figure the slices of pie they represented.

In my mind's eye, I added the final supply of frozen strawberries, as sweet as summer, to my lot. The raspberries and blackberries I picked in the north forty. The gooseberries, and the long hours of tedious stemming.

I couldn't remember the exact number of boxes I had of small, green peas, picked and put in the locker at their best, but I knew that these, with cherries, peaches and baby lima beans, filled it to the brim.

I swiftly calculated the number of onions hanging from the rafters by their tops, and tallied the bushels of potatoes that filled up the bins.

I could vision the baskets of red and yellow apples that would soon be lined up against the wall, waiting for school dinner buckets and for pies to fill the house with their spicy flavoring sweet as orchard bloom.

I remembered the popcorn scattered on the attic floor for drying. I could almost taste it, rich with butter, some long winter evening when ice and snow keeps us indoors while we listen to the latest basketball score. The sack of hickory-nuts promised squares of fudge to go along with the popcorn.

The sense of security which I knew as I counted and tallied the work I had done this summer had little to do with either the Hope-Aiken bill or the Brannan plan.

I stepped out into the warm October sunlight and noted with satisfaction the ricks of wood in easy reach of the kitchen door. The pyramids of summer hay and of golden straw that flanked the cribs soon to be bulging with golden-kerneled corn.

I felt rich with the plenty that is Iowa. The wealth of the soil now stored and ready for a snow-filled winter.

With this feeling of security came an inner peace and well-being not accounted for by the United Nations, World Federalists or World Peace. It was contentment of a job well done, needs provided for, and hope without fear of the future.

Just a homemaker, like a million others in Iowa, taking a good look at the Iowa summer I had put away in jars.—Helen Virden, Henry County, Iowa.

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$109.75

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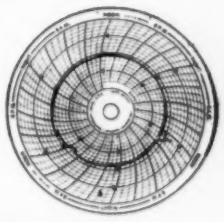

Only Gopher Oil Heaters give you completely automatic heat without electricity, expensive thermostats!

Only Gopher Oil Heaters give you even temperatures 24 hours a day—wake up in the morning to warm, snug rooms. No more freezing at breakfast, roasting at noon. And it's all automatic—thanks to Gopher's exclusive, patented modulating control burner. Room temperatures can vary less than 2 degrees!

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And Gopher Heaters cost no more than many heaters without these exclusive advantages. That's why we say—Gopher Heaters are today's BIG value.

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HERE'S PROOF!

Room temperatures vary less than 2 degrees—no matter how quickly outside temperatures vary.

A Gopher Oil Heater with modulating control was installed in a small home of light construction. A mechanically operated temperature recorder was set up in the home. The time was mid-winter, and the outside temperature ranged from 15 degrees below zero to 20 degrees above. Above is the graph the machine recorded for a period of 72 hours—note that room temperatures *varied less than 2 degrees!* Jag at left side of graph resulted when sunlight struck the recorder. Gopher Heaters with modulating control give you *EVEN* heat.

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GOPHER OIL HEATERS
BY THE MAKERS OF AGM AND SUNFLAME HEATERS

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September Barbecue husky **hamburgers** and hits-the-spot **coffee**

Here's how! for the hungry ones—big, juicy hamburgers on home-baked buns—and piping-hot Hills Bros. Coffee. This fine coffee is a blend of the world's choicest coffees. "Controlled Roasting," an exclusive Hills Bros. process, insures the same tempting flavor in every pound. Hills Bros. Coffee vacuum-packed for freshness.

BARBECUE HAMBURGERS

Allow 1½ lbs. ground meat for 6 patties

Bake large biscuits 3½ inches in diameter from mix or your favorite recipe. Split and butter. Arrange well-browned hamburger patties, 3 inches in diameter, on halves and pour barbecue sauce over these. Cover with remaining halves or serve open-face.

BARBECUE SAUCE

1 cup tomato sauce
2 tablespoons chopped onion
½ cup chopped celery
⅓ cup chili sauce
1 tablespoon sugar
2 teaspoons Worcestershire sauce

Mix tomato sauce with chopped onion, chopped celery, chili sauce, sugar and Worcestershire sauce. Let simmer 5 minutes. Serves 6.

Serve with Hills Bros. Coffee

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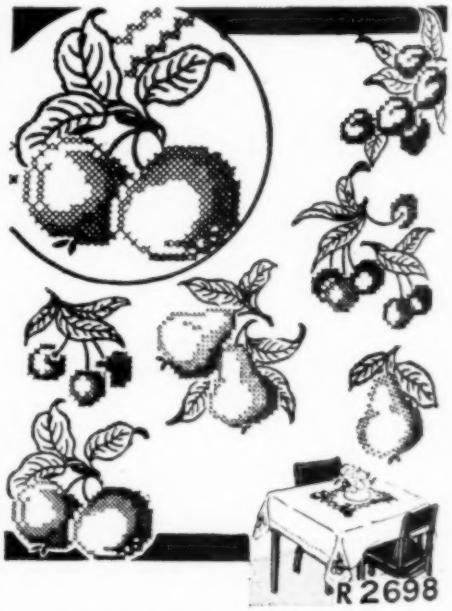
No. 5974 — Cunning snub-toed little bootees are just right for the very young baby, and when he gets to be six and fashion-minded, he is ready for the open-toed style. Both pairs are easily and quickly crocheted, and hold up under countless washings.

No. 5986—Make dish-washing cheerful by crocheting these pretty and practical dishcloths. The task is sure to seem lighter with the swish of these fancy, full-skirted charmers on the dishes. They will be a grand donation for a bazaar or as a gift for a bridal shower.

No. 5982—Easily made and so lifelike it is only by touching you can be sure it isn't real. Make with crepe paper in the exact color you wish. Stems may be long or short, and you can bend them.

No. R2698 — Make everyday meals more interesting with a cheerful tablecloth. Bright-red cherries, yellow pears, russet apples and deep-blue plums are embroidered in an easy-to-do cross-stitch.



No. 5981—This little love-of-a-lamb will caper right into your heart with her delightful whimsical antics. She is pretty and pert, whether gracing tea towels, party aprons, or just in providing amusement for the younger generation by serving as decorations for their nursery curtains and crib covers.

Designs are 20c each, in coin or stamps, coin preferred. The New Fall FASHION Book is 25c. Filled with useful information and new ideas. Order from Pattern Department of Wallaces' Farmer and Iowa Homestead, Des Moines, Iowa. **CAUTION:** Be sure to see that your name and address are plainly written.

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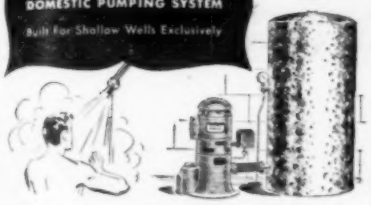

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Do you suffer heartburn after meals?...feel logy? ...uncomfortable? Then read this heartening letter from a woman who found her way to *better digestion* and *better health:*

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MAKE THIS TEST: Give up coffee—give up tea—drink POSTUM exclusively for 30 days—and judge by results! Remember: POSTUM contains no caffein or other drug—nothing that can possibly cause indigestion, nervousness, sleeplessness! Ask your grocer today for INSTANT POSTUM—A Vigorous Drink made from Healthful Wheat and Bran. A Product of General Foods.

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18 CHRISTMAS CARDS and envelopes $1.00. 40—$3.00. Send negative. Your 8 exp. roll with 8 prints each good negative 45c. 2 each good negative 35c. One each good negative 25c. Reprints 3c. **L. I. EASTMAN, Bode, Iowa.**

U. S. SAVINGS BONDS ARE SAFE

Does a zinnia smell good? Christie isn't sure. She is the daughter of Mr. and Mrs. Tom Arneson, Polk county, Iowa.

Mockingbird In Iowa

ONE morning, when the mulberries were ripe, Robert, my son, came in to report that he had located a bird's nest in the fence-row along the orchard.

We studied the illustrations in "Birds of America." Only the eggs of the mockingbird answered his description, but none of us had ever heard of a mocker in Tama county, Iowa.

Together we went back to the orchard to watch for the owner of the little home. We found her watching us, quietly perched in the top of an elm sapling almost directly above the nest.

The nest was made of woven twigs and grass, softly lined, and hidden in the denseness of a wild-grape vine. The four eggs were about the size of a robin's.

The beautiful bird was blackish-slate above, white bands on wings, mark of white over eyes, long and dark tail with white outer edges. She was slender and nearly as large as a brown thrasher. Without doubt, she was a mocker.

Hoping to set our new friend at ease, we pretended to pick mulberries. Soon we saw the mate. They darted about, untroubled by our presence.

Soon we learned to identify the song of the mockingbird. He sang the most glorious melody a bird ever sang—embellished with incomparable trills and cadences.

Besides being a gifted songster, the mocker is a great mimic. Often he sang a gay tune and included the call of another bird, to our delight, but surely to the dismay of his contemporary.

One afternoon, we heard sounds of a fierce sparrow fight. Troubled by its persistence, I looked up expecting to see several sparrows violently engaged, but the only sparrow in sight was going about quite unconcerned over his neighbors' troubles.

Then we noticed the raucous sounds were all coming from one position, and the impersonator, tired of his little joke, began to intersperse serene and beautiful trills with the harsh notes. Finally he forgot the sparrow fight in composing a happy ballad of his own.

We were delighted to welcome him into our community.—Ruth B. Blake, Tama County, Iowa.

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See the New Model *White Star Ranges*

With All Latest Improvements

at *NEW LOW PRICES*

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BUY U. S. SAVINGS BONDS—THEY ARE PROTECTION FOR LATER YEARS—BUY SOME TODAY!

Mrs. Frank Haberkorn, of Greene county, Iowa, steps into her new basement shower to show the relative size. Next to the shower are the water softener and heater.

Water Softeners Can Remove Iron, Too

You Can Remove The Iron From Water That Stains Your Shining New Equipment

IT'S fine to have water from the deep well piped into your home. It's better than smelly cistern water for the family wash. That's what one farm woman thought when their new pressure system was installed.

But the well-water was hard. Not only that—it contained iron. The water came crystal-clear from the faucet; but let it stand a few minutes and it turned cloudy in the glass. A rusty deposit formed on the surface of the toilet bowl in the new bathroom. Stains began to mar the shining porcelain of lavatory and bathtub.

What to do? She could "break" hot water for washing and dip off the dry scum. But the rinse water was another problem. Clothes came out of it with rusty stains.

Then the plumber came to the rescue. "I think we can get a softener," he said, "which will take out the iron, too."

Zeolite water softeners have been known for many years. But they easily clog with iron. Many a user has come to the sad discovery that his softener was not working any more. Such people should install a filter to protect the softener from iron.

A sales engineer for a softener concern suggests you filter all the house water supply in such a case. Then soften the water only for such outlets as demand it.

In the last six years, the heavy-duty, synthetic resin softener has come into use. It takes out dissolved iron, as well as hardness. If it clogs after long use, a simple chemical treatment will renew it.

C. A. Wright, of Story county, Iowa, does not recommend installing both iron filter and softener for the average farm home. He'd use the heavy-duty softener to take out both hardness and iron.

"A rust filter with two tanks," he says, "costs about the same as a water softener. So that just doubles your initial expense."

But what solves one water problem may not be right for another. So the first thing is to send a sample of water to a company manufacturing softening equipment, and have it analyzed.

Here's how the simplest iron filter works: Air is pumped into the pressure tank, along with the water, by means of a "sniffer" at the pump.

This air turns the dissolved iron into iron rust. Then it is filtered out thru a bed of fine sand. (There are other types of iron filters, some requiring chemicals for regeneration.)

An iron filter must be cleaned by back-washing every week. This takes only five minutes. But, if neglected, the iron may crust over and prevent the filter from working.

So you can see why Mr. Wright doesn't advise a filter for home water systems if you can get along without it:

(1) If the "sniffer" on the pump fails to work, and no air is supplied, iron removal is incomplete. (2) If you neglect the weekly servicing, the filter may clog.

A softener also requires regular servicing. But choose one large enough so it won't need regenerating more than once a month.

First, find out the hardness, by analysis of a water sample. Next, estimate the amount which your household will use in a month.

From that, you calculate the size of softener to buy. You generally figure one person will use 1,000 gallons of water per month. Capacity of softeners is stated in grains of hardness they can absorb without regenerating.

"Should you soften drinking water?" someone may ask. Yes, if otherwise it would call for a separate line for hard water. But is soft water healthful?

In reply, Mr. Wright pointed out that in many states soft water is the only kind available. All water comes soft from the skies. It picks up hardness as it filters thru lime-rock, etc., in the ground.

The Farm Flock

GIVE YOURSELF a high mark for good planning if your pullets are housed and laying by this time. If they aren't, says Dr. J. O. Alberts, of the University of Illinois, don't forget these four points: Clean house, all-pullet flock, sufficient space per bird, and a close watch for disease.

▲ ▲ ▲

GIVE YOUR BIRDS an even break by cleaning, scrubbing and disinfecting the laying house before the pullets are moved in. And cull out all your old hens. Pullets lay more without eating more, are less likely to have tuberculosis.

▲ ▲ ▲

PLENTY OF ROOM in the laying house, says Dr. Alberts, means 3½ square feet per bird for light breeds, 4 square feet for heavies. But don't give any room to pullets that are runty or sickly. And watch your pullets closely every day for signs of disease. Prompt removal of sick birds helps check spread of most poultry diseases.

▲ ▲ ▲

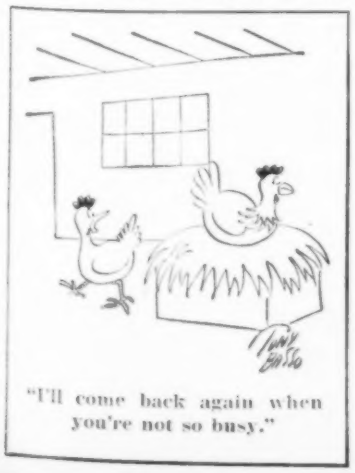
IOWA'S TURKEY CROP is much bigger than last year, and is the third biggest on record. The state is producing an estimated 2,659,000 birds this year, compared with 1,800,000 in 1948. National estimate is for 41,107,000 turkeys, only about 3,000,000 below all-time record.

▲ ▲ ▲

THE NEW production classes at the 1949 Iowa State Fair poultry show made sense to farm visitors. The show still had its usual classes in which breed champions were picked according to their looks. But this year it also had a division in which ribbons were awarded for egg-laying ability. Winning exhibitors were Mrs. Arnold Bower, Carroll county, Iowa, for best light hen (Hy-Line), and Dorothy Weitzell, Mills county, Iowa, for best heavy hen (Swift's Golden Neck).

▲ ▲ ▲

IOWA WINNERS in the State Fair live market poultry division were Wendell Turner (Decatur county (broilers); Joyce Alleley, Mills county (fryers), Ralph Wilson, Buchanan county (light roasters); Ward Poultry Farm, Buchanan county (heavy roasters); Herbert Barstow, Ringgold county (light fowl), and J. O. Hamilton, Lucas county (heavy fowl). Market egg winners were Russell Hatchery, Lucas county (white); Herbert Barstow, Ringgold county (brown); Mrs. Hattie Wilcox, Decatur county (mixed).



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Hy-Lines Did Best In These "Divided House" Tests

HERE ARE THE RESULTS

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Laid 2 to 6 Dozen More Eggs per Bird

in "divided house" tests

Farmers who conducted "Divided House" tests report their Hy-Lines laid 2 to 6 dozen more eggs per bird than their standard breeds. These farmers received from 200 to 600 dozen more eggs from every 100 Hy-Lines they housed in the Fall. Figure the added income these extra eggs brought at the average egg price in your community. The table below shows the exact results they reported for the complete production year:

NAME	Hy-Lines Egg Average Per Bird	Standard-Breds Egg Average Per Bird	Difference in Eggs Per Bird
W. C. Thomas & Son Cambridge, Iowa	259.9	181.3	78.6
Eldon Gallentine Springfield, Nebr.	225.9	155.6	70.3
Charles Flemming Storm Lake, Iowa	233.9	166.3	67.6
L. F. Wilker Farm Meriden, Minn.	243.7	187.6	56.1
Lester L. Smith Cedarville, Kans.	240.6	186.2	54.4
J. W. Goertz Newton, Kansas	238.8	202.5	36.3

HY-LINES are Bred for High Flock Egg Production

Hy-Lines outlay standard-bred farm flocks because they possess hybrid vigor and hardiness. Like hybrid corn, they are crosses of superior inbred lines, Hy-Lines start profitable laying early. They reach 50% production at 5½ to 6½ months. Then the whole flock surges into peak production and averages between 50% and 80% production each month during the year. Hy-Lines are steady layers. They resist hot and cold weather slumps in production. They generally keep laying profitably for 12 to 14 consecutive months.

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You make more money from both pullets and cockerels when you raise early hatched Hy-Lines. Pullets reach peak production when egg prices are highest. You can market the cockerels in April when broiler prices are usually good. Early hatched Hy-Line pullets usually reach 60% production in August. They hit their peak in October, November and December. Raise January hatched Hy-Line Chicks to take advantage of "high egg price" and "high broiler price" months.

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Deep Litter Cuts Chicken Chores

If It Hasn't Worked For You, It May Be Because You've Handled It Wrong

In this article, W. R. Whitfield, of Iowa State College, lists advantages of deep litter and how to make it work.

IF DEEP litter won't work for you, there is a reason. Maybe several.

Deep litter saves lots of time and cuts litter cost if handled properly. Yet deep litter is "out of the window" for some. And I mean the whole idea—not just the litter.

Deep litter works best in insulated houses, tho it's being used satisfactorily in some single-wall houses. Insulated houses are better becaue they are warmer. Warm air dries the litter. So, the warmer the house, the easier it is to keep deep litter dry and fluffy.

You have to get the most out of your insulation, too. One flock owner in Carroll county, Iowa, thought he should ventilate his house more when the litter got damp in cold weather.

So he kept the south door of the laying house open nearly all day. His litter stayed damp. He was putting too much trust in sunshine and not enough in temperature.

Many owners of single-wall houses also are getting good results. They are cleaning the house only once or twice a year—and that's the test. The reason is that they're still getting warm temperature. But, instead of coming from insulation, it's coming from fermentation, which occurs in the litter with just the right temperature and moisture level.

This is shown by an Iowa demonstration flock owner's experience in Allamakee county, Iowa. Dorothy Stabe used deep litter in one end of her 60-foot house, and it worked fine all winter. She put it in the other end later in the fall and the litter was wet all winter.

Time of starting probably made a difference in fermentation. Litter used for the old hen flock was started in early September, that for the pullets in late October.

Most cooperators in the Iowa State College demonstration program have learned the value of chopped litter. Many of them use chopped cobs—not ground. Ground litter packs too easily.

O. H. Howard, Warren county, Iowa, thinks chopped litters are worth any trouble required in preparing them. He puts the cobs away in the poultry house loft when he shells his corn.

Gerrit Blankers, O'Brien county, Iowa, likes chopped straw. By chopping it, he cuts cleaning the house to once a year, even tho his house is not well insulated.

Whole cobs for litter are getting more common. S. L. French, of Greene county, Iowa, has only a double-wall house, but has to clean out his whole-cob litter only twice a year.

Many flock owners find a little stirring of deep litter helps in areas that get damp. Also, adding new litter occasionally, until the litter is at least six inches deep, often helps.

Lime spread over the litter aids in keeping litter from sticking together or matting. It is recommended for periods of unusual dampness.

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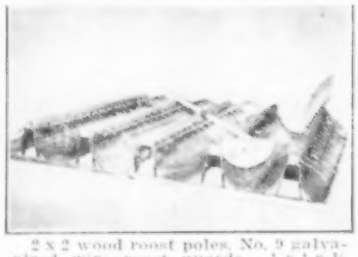

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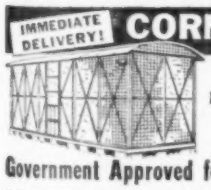

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The West Chicago Feather Co. has changed hands. H. Fineberg assumes no obligations as of Sept. 1st, 1949.

Voice of the Farm

Says He Can Find Water In Hurry

To the Editor: I saw the picture (August 20 issue) in which George Ball is demonstrating the witching which he claims is an improved method of finding water by using a forged steel rod.

I don't say he can't find it, but he can't find as much as I can find with the use of a baling wire in an L-shape. I can determine where water is and how deep in feet.

The average water witch is lucky to find one vein, while spending considerable time finding it. But it doesn't take me any time at all to find a vein and tell how deep it is.—George Gille, Benton County, Iowa.

Maybe we ought to arrange a witching match.—Editor.

Opposes Cash Rent For Silo

To the Editor: I disagree with the article, "How Improve a Rented Farm" (September 3 issue).

The article says that Bruce Thompson, professional farm manager, rented one of his farms on a crop-share basis to a good dairyman who wanted a silo. But Thompson felt the silo would be nothing but an expense.

It seems to me he's overlooking a very important factor—the manure. On a crop-share basis, the landlord is receiving a very good bonus indirectly from the silo, grain bin, cattle shed and other equipment on a livestock farm.

I can see no reason why the renter should be forced to pay $75 per year for the use of the silo while the landlord gets half the manure free.—Reader, Carroll County, Iowa.

Better buildings should get better tenants, too.—Editor.

Wants Farm Groups Run By Farmers

To the Editor: I would like to voice my opinion about town women holding office in a farm organization (Voice of Farm, September 3).

Why should we have as officers of our farm organizations people who live in town? If the lady in question has time on her hands, let her turn to her church or a good garden club.

I can't believe a person who would clamor for an office in our Farm Bureau, or any other rural organization, would make a very sincere, broad-minded chairman.

We have plenty of good, capable leaders right out on the acres. And with all due respect to our farm leaders who have recently moved to town, they are town folks now and must relinquish the offices they so faithfully filled when living on honest-to-goodness farms.

There is plenty of community work for everyone desiring to help. Let's keep real farmers at the helm of our organizations.—Mrs. F. H., Boone County, Iowa.

That's probably the best rule.—Editor.

ONE STANDS OUT

M. W. Larry Domino 46th, son of Larry Domino 50th, herd sire of "Good as Gold" Hereford Ranch, owned by Dale Johnston, Enid, Okla.

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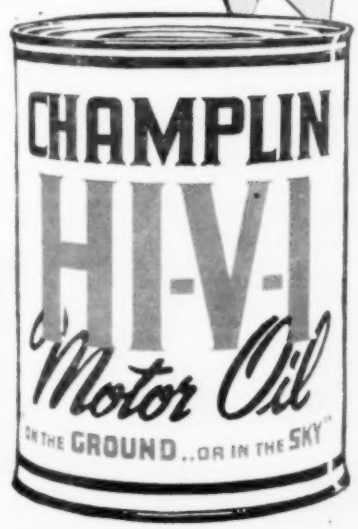

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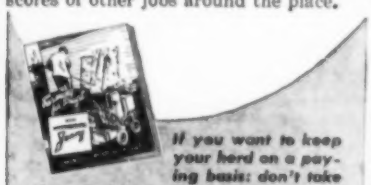
● When I read in my farm paper that Mastitis and Bang's Disease cause dairymen a loss of $49,000,000 a year it didn't mean a thing to me. My cows were healthy. I was making money. But a few months later, when disease hit my herd and I began contributing to that forty-nine million, it was a different story.

Like most dairymen I had cleaned and disinfected now and then in the usual manner and had got along fine—because I was just lucky, I guess. Sure, I had heard about Hypressure Jenny steam cleaning and disinfecting being 10 times faster and better than hand cleaning, but I'd never bothered to look into it.

Well, it didn't take me long to get the facts—and I bought a Jenny. Now I clean and disinfect every week in one-tenth the time it used to take me by hand. I'm through taking chances. When I'm done I know that my barn and equipment are as clean and germ-free as it is humanly possible to make them.

That stretch of Mastitis happened several years ago and—thanks to Hypressure Jenny—there hasn't been a trace of disease in my herd since.

Besides keeping my cows healthy and my milk checks coming in, Hypressure Jenny cleans my milk house, poultry houses, hog pens, feeding troughs, drinking fountains, farm machinery and does scores of other jobs around the place.



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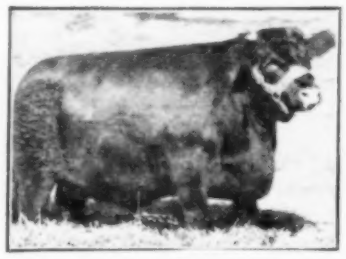
Placings At Iowa Fair

Champion Hereford female at 1949 Iowa State Fair was BHR Miss Helmo A 13th, two-year-old heifer from Blanchi Hereford Ranch, Macon, Mo.



Holz Brothers, Rippey, Iowa, continued their Iowa fair Shorthorn winnings when their junior yearling, Golden Rule Luxury, took the female championship.

Beef Cattle

ABERDEEN ANGUS

Judge: Arnold H. Spitzer, Jr., Pleasant Plains, Ill.

Exhibitors: Lloyd C. Albers & Son, Sutherland, Iowa; John Baker, Muscatine, Iowa; Harry Barnett & Son, Lamoni, Iowa; Tom Barrett & Sons, Irwin, Iowa; Bell & Sons, Osceola, Iowa; Jerry Butler, Boone, Iowa; Central Illinois Angus Breeders Assn., Congerville, Ill.; Cloverly Stock Farms, Maloy, Iowa; B. A. Dye, Wyanet, Ill.; Harold Eiler, Tipton, Iowa; El-Jon Farms, Rose Hill, Iowa; Foster Bros., Washington, Iowa; Vernon Graham, Gilman, Iowa; Greenmere Stock Farm, Green Mountain, Iowa; Harken Farms, Osceola, Iowa; Wayland Hopley Farms, Atlantic, Iowa; Kosters Angus Farms, Gladbrook, Iowa; Layton Angus Farm, Walnut, Iowa; H. B. Lazear, Chariton, Iowa; Cecil Lutz, New Virginia, Iowa; Henry McCleary, Packwood, Iowa; A. A. Mugge, Spencer, Iowa; Eunice Nieswanner, Stockton Iowa; Betty Oster, Webster, Iowa; Schmidt Bros., Delmar, Iowa; Jean Schmidt, Delmar, Iowa; Robert Schmidt, Delmar, Iowa; Tony Schmucker, Marengo, Iowa; Irvin Seebusen, Pomeroy, Iowa; Doris Souter, Packwood, Iowa; Edna Sucar, Indianola, Iowa; Sunset Knoll Farms, Ames, Iowa; C. H. Thompson, Hatfield, Mo.; Donley Thompson & Sons, Irwin, Iowa; Richard Thompson, Boone, Iowa; Timber Top Angus Farms, Rippey, Iowa; Rodney Williams, Scranton, Iowa; Wilton Farms, Davenport, Iowa.

Bulls: Two-year-olds (4 shown)—1, Central Illinois Angus Breeders; 2, Dye; 3, Sunset Knoll; 4, Timber Top. Senior yearlings (10 shown)—1, Wilton; 2, Mugge; 3, Kosters; 4, Central Illinois Angus Breeders; 5, C. H. Thompson. Junior yearlings (9 shown)—1, El-Jon; 2, Central Illinois Angus Breeders; 3, Wilton; 4, Kosters; 5, Barrett. Summer yearlings (12 shown)—1, El-Jon; 2, Wilton; 3, Hopley; 4, Dye; 5, Eiler. Senior calves (13 shown) — 1, El-Jon; 2 and 3, Wilton; 4, Barnett; 5, Dye. Junior calves (2 shown)—1, Hopley; 2, Lazear. Senior champion bull — Wilton on Barry 35th of Wilton (senior yearling); reserve, Central Illinois Angus Breeders on Barbara Snena's Eric (two-year-old). Junior champion bull—El Jon on Elkan Bardolier 3d (summer yearling); reserve, El-Jon on Envious Bardolier 3d (junior yearling). Grand champion bull—El-Jon on Elkan Bardolier 3d; reserve, El-Jon on Envious Bardolier 3d. Five bulls (5 shown)—1, El Jon; 2, Wilton; 3, Dye; 4, Central Illinois Angus Breeders; 5, Hopley. Three bulls (4 shown)—1, El-Jon; 2, Dye; 3, Hopley; 4, Kosters. Two bulls (12 shown)—1, El-Jon; 2 and 3, Wilton; 4, Dye; 5, Central Illinois Angus Breeders.

Females: Two-year-olds (4 shown)—1, Dye; 2, Eiler; 3, Hopley; 4, Bell. Senior yearlings (12 shown)—1, El-Jon; 2 and 3, Wilton; 4, McCleary; 5, Schmidt Bros. Junior yearlings (22 shown)—1, Wilton; 2, El-Jon; 3 and 4, Central Illinois Angus Breeders; 5, Timber Top. Summer yearlings (25 shown)—1, Layton; 2, C. H. Thompson; 3, El-Jon; 4, Albers; 5, Robert Schmidt. Senior calves (20 shown)—1, Wilton; 2, Dye; 3, Kosters; 4, Spear; 5, Central Illinois Angus Breeders. Junior calves (4 shown)—1 and 2, El-Jon; 3, C. H. Thompson; 4, Albers. Senior champion female—El-Jon on Barbara McKenny of LHM (two-year-old); reserve, Dye on Acris of AWOI (two-year-old). Junior champion female—Wilton on Blackbird of Wilton 37th (senior calf); reserve, Wilton on Katinka 4th of Wilton (junior yearling). Grand champion female—Wilton on Blackbird of Wilton 37th; reserve, El-Jon on Barbara McKenny of LHM. Two females (12 shown)—1 and 2, Wilton; 3, El-Jon; 4, Central Illinois Angus Breeders; 5, Dye.

Groups: Get of sire (5 shown)—1, El Jon; 2, Hopley; 3, Dye; 4, Kosters; 5, Albers. Pair yearlings (10 shown)—1 and 3, El Jon; 2, Wilton; 4, Central Illinois Angus Breeders; 5, C. H. Thompson. Pair calves (10 shown)—1 and 3, Wilton; 2, El Jon; 4, Dye; 5, Hopley. Produce of dam (5 shown)—1, El Jon; 2, Wilton; 3, Eiler; 4, Hopley; 5, Albers.

HEREFORDS

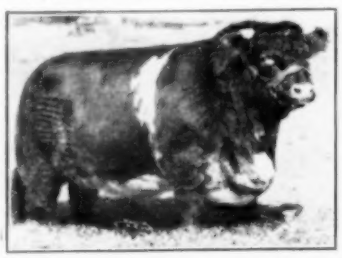
Judge: Jim McClelland, Sulphur, Okla.

Exhibitors: Charles Amos, Indianola, Iowa; Harry Bates & Son, Eldon, Iowa; Clifford Bell, Jr., Pulaski, Iowa; Blanchi Hereford Ranch, Macon, Mo.; Marcene Blauer, Afton, Iowa; Brown & Williams, Laurel, Iowa; W. C. Caldwell & Son, Humeston, Iowa; Marinus Christensen, Tracy, Iowa; Circle A Hereford Farm, Morris, Ill.; Dean Culver, Panora, Iowa; Ralph Dyer, Pleasantville, Iowa; Edg-Cliff Farms, Potosi, Mo.; Emmadine Farms, Breckenridge, Mo.; Richard Fitzgerald, Kellogg, Iowa; Jerrold Gaffney, Polsela, Iowa; Ralph Halstrom, Cherokee, Iowa; Jim Hardrack, Osceola, Iowa; S. M. Heaberlin & Sons, Pleasantville, Iowa; Hillandale Farm, Muscatine, Iowa; William Holben, Muscatine, Iowa; Honey Creek Ranch, Grove, Okla.; Keith Johnson, Exira, Iowa; Lynn Johnson, Exira, Iowa; Walter Kubrt & Son, Pomeroy, Iowa; Walter Larsen & Son, Hamlin, Iowa; Charles F. Moore, Dyersburg, Tenn.; Lee Norton & Sons, Wilton Junction, Iowa; H. C. Pearson, Indianola, Iowa; Vernon Riessen, Stockton, Iowa; H. N. P. Small & Son, Letts, Iowa; C. J. Warner, Waverly, Neb.; Westhaven Place, Denison, Iowa; Wiese & Sons, Manning, Iowa; John C. Wisdom, Des Moines, Iowa.

Bulls: Two-year-olds (7 shown)—1, Circle A; 2, Bianchi; 3, Pearson; 4, Halstrom; 5, Wiese. Senior yearlings (9 shown)—1, Pearson; 2 and 5, Bianchi; 3, Honey Creek; 4, Circle A. Junior yearlings (10 shown)—1, Honey Creek; 2, Circle A; 3, Pearson; 4, Caldwell; 5, Wiese. Summer yearlings (17 shown)—1, 3 and 4, Pearson; 2, Circle A; 5, Honey Creek. Senior calves (20 shown)—1 and 3, Circle A; 2, Bell; 4, Emmadine; 5, Honey Creek. Junior calves (11 shown)—1, Wisdom; 2, Honey Creek; 3, Circle A; 4 and 5, Bell. Champion bull—Circle A on MW Larry Domino 123d (two-year-old); reserve, Circle A on C. A. Elation 4th (senior calf). Three bulls (13 shown)—1, Circle A; 2, Pearson; 3, Bianchi; 4, Honey Creek; 5, Wiese. Two bulls (19 shown)—1, Circle A; 2, Pearson; 3 and 5, Bianchi; 4, Honey Creek.

Females: Two-year-olds (11 shown) 1, Bianchi; 2, Circle A; 3, Honey Creek; 4, Wiese; 5, Pearson. Senior yearlings (14 shown)—1 and 5, Honey Creek; 2, Bianchi; 3, Circle A; 4, Pearson. Junior yearlings (32 shown)—1 and 5, Circle A; 2, Brown & Williams; 3, Honey Creek; 4, Edg-Cliff. Summer yearlings (18 shown)—1, Pearson; 2 and 4, Circle A; 3, Wiese; 5, Hillandale. Senior calves (17 shown)—1, Circle A; 2, Honey Creek; 3, Pearson; 4, Emmadine; 5, Bianchi. Junior calves (12 shown)

Blackbird of Wilton 37th, senior calf from Otto Nobis' Wilton Farms, Davenport, Iowa, was junior and grand champion Angus female at Iowa fair.



Iowa State Fair's champion Shorthorn bull was Edwin Royal Leader, two-year-old from the herd of McCone Brothers, Defiance, Iowa.

Envious Bardolier 3d, junior yearling from El-Jon Farms, Rose Hill, Iowa, took reserve grand championship in Iowa fair Angus bull classes.

Top Polled Shorthorn bull at Iowa fair was King of the Vanities 65th, summer yearling shown by Lewis W. Thieman, of Concordia, Mo.

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Circle A Hereford Farm, Morris, Ill., showed this two-year-old, MW Larry Domino 133d, to top Hereford bull title at Iowa State Fair.

—1, Honey Creek; 2 and 3, Circle A; 4, Pearson; 5, Hillandale. Champion female—Bianchi on BHR Miss Helms A 13th (two-year-old); reserve, Honey Creek on HCR Duchess 55C (senior yearling). Two females (20 shown)—1, Bianchi; 2 and 3, Circle A; 3, Honey Creek; 4, Pearson.

Groups: Get of sire (15 shown)—1, Bianchi; 2, Circle A; 3, Honey Creek; 4 and 5, Pearson. Pair yearlings (11 shown)—1, Circle A; 2, Honey Creek; 3, Pearson; 4, Wiese; 5, Bianchi. Pair calves (16 shown)—1, Circle A; 2, Honey Creek; 3, Emmadine; 4, Bell; 5, Bianchi.

SHORTHORNS

Judge: P. S. Shearer, Ames, Iowa

Exhibitors: W. C. Anderson & Son, West Liberty, Iowa; Theodore Bergquist, Somers, Iowa; LeRoy Brown, Lamoni, Iowa; Donald Buch, Clarinda, Iowa; Wendell Circus, Independence, Iowa; Dewar Bros., Cherokee, Iowa; Edellyn Farms, Wilson, Ill.; Eldon Erickson, Garner, Iowa; John Gunn, Iowa Falls, Iowa; Kenneth Hartst, Muscatine, Iowa; Held Bros., Hinton, Iowa; Holz Bros., Rippey, Iowa; F. W. Hubbell, Des Moines, Iowa; Donald Johnson, Oxford, Iowa; Wendell Johnson, Lohrville, Iowa; Harry Linn, Gilmore City, Iowa; J. W. McClaskey & Son, Fillmore, Mo.; McCone Bros., Defiance, Iowa; John Meiske & Sons, Hartley, Iowa; Donald Nichols, West Liberty, Iowa; Oakdale Farms, Granger, Mo.; Paran Pederson & Sons, Grinnell, Iowa; Penningroth Bros., Wellman, Iowa; Robert Rees, Pleasantville, Iowa; Carl Retzlaff & Sons, Walton, Neb.; Lida & Barbara Robison, Wapello, Iowa; Jean Roduck, Pleasantville, Iowa; Dean Saunders, Manilla, Iowa; C. E. Stewart & Sons, Rose Hill, Iowa; Stuart Stotts, Blairsburg, Iowa.

Bulls: Two-year-olds (7 shown)—1, McCone; 2, Edellyn; 3, Dewar; 4, Holz; 5, McClaskey. Senior yearlings (5 shown)—1, Brown; 2, Edellyn; 3, Held; 4, McClaskey; 5, Dewar. Junior yearlings (5 shown)—1, Held; 2, Edellyn; 3, Dewar; 4, Retzlaff; 5, Stewart. Summer yearlings (9 shown)—1, Edellyn; 2, Held; 3, Holz; 4, Retzlaff; 5, Hubbell. Senior calves (10 shown)—1 and 4, Retzlaff; 2, Anderson; 3, Edellyn; 5, Penningroth. Junior calves (7 shown)—1, Oakdale; 2, Hubbell; 3, Held; 4, Edellyn; 5, Holz. Champion bull—McCone on Edwin Royal Leader (two-year-old); reserve, Edellyn on Edellyn Royal Leader 66th (two-year-old). Three bulls (10 shown)—1 and 4, Edellyn; 2, Held; 3, Retzlaff; 5, Holz. Two bulls (10 shown)—1 and 4, Edellyn; 2, Held; 3, Retzlaff; 5, Holz.

Females: Two-year-olds (4 shown)—1, Holz; 2, Edellyn; 3, Dewar; 4, Hubbell. Senior yearlings (9 shown)—1, Dewar; 2, Holz; 3, Hubbell; 4, Held; 5, Brown. Junior yearlings (11 shown)—1, Holz; 2 and 3, Edellyn; 4, Saunders; 5, Hubbell. Summer yearlings (21 shown)—1, Holz; 2 and 5, Retzlaff; 3, Hubbell; 4, Held. Senior calves (9 shown)—1, McCone; 2, Edellyn; 3, Hubbell; 4, Retzlaff; 5, Rees. Junior calves (6 shown)—1, Oakdale; 2, Retzlaff; 3, Edellyn; 4, Held; 5, Holz. Champion female—Holz on Golden Rule Luxury (junior yearling); reserve, Holz on Golden Rule Dorothy (two-year-old). Two females (9 shown)—1, Holz; 2, Edellyn; 3, Retzlaff; 4, Hubbell; 5, Penningroth.

Groups: Get of sire (9 shown)—1, Edellyn; 2, Holz; 3, Retzlaff; 4, Hubbell; 5, Penningroth. Pair yearlings (10 shown)—1, Holz; 2, Edellyn; 3, Retzlaff; 4, Dewar; 5, Held. Pair calves (12 shown)—1, Oakdale; 2, Edellyn; 3 and 5, Retzlaff; 4, Hubbell.

POLLED SHORTHORNS

Judge: Geoge Edwards, Ames, Iowa.

Exhibitors: Alpine Farms, Lexington, Mo.; R. L. Flamme, Gladbrook, Iowa; Earl Girton, Marshalltown, Iowa; S. B. Hudson & Son, Knoxville, Iowa; George E. Smith, Thornton, Iowa; Lewis W. Thieman, Concordia, Mo.; George H. White, Malvern, Iowa; Glenn Yoakum & Son, Keswick, Iowa.

Bulls: Two-year-olds (1 shown)—1, Hudson. Senior yearlings (1 shown)—1, Alpine. Junior yearlings (3 shown)—1, Alpine; 2, Yoakum; 3, Thieman. Summer yearlings (7 shown)—1, Thieman; 2, Flamme; 3, Alpine. Senior calves (7 shown)—1, Yoakum, 2 and 3, Girton. Junior calves (2 shown)—1 Hudson, 2, Yoakum. Champion bull—Thieman on King of the Vanities 65th (summer yearling); reserve, Flamme on Cloverdale Monarch (summer yearling). Three bulls (5 shown)—1, Thieman, 2, Flamme; 3, Alpine. Two bulls (8 shown)—1, Thieman; 2, Flamme; 3, Alpine.

Females: Two-year-olds (4 shown)—1, Alpine; 2, Smith; 3, Hudson. Senior yearlings (4 shown)—1, Hudson; 2, Flamme; 3, Smith. Junior yearlings (5 shown)—1, Thieman; 2, Flamme; 3, Smith. Summer yearlings (5 shown)—1, Flamme; 2, Thieman; 3, Smith. Senior calves (8 shown)—1, Thieman; 2, Smith; 3, Flamme. Junior calves (2 shown)—1, Yoakum; 2, White. Champion female—Thieman on Nonpareil Coronita 12th (senior calf); reserve, Flamme on Cloverdale Sarcasm 8th (summer yearling). Two females (11 shown)—1, Thieman; 2, Flamme; 3, Hudson.

Groups: Get of sire (7 shown)—1, Thieman; 2, Flamme; 3, Alpine. Pair yearling (7 shown)—1, Flamme; 2, Thieman; 3, Alpine. Pair calves (5 shown)—1, Thieman; 2, Flamme; 3, Girton.

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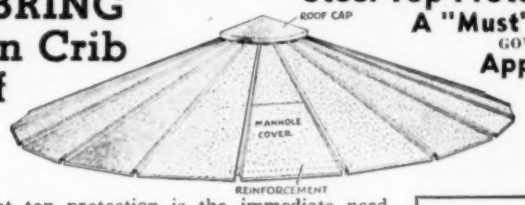

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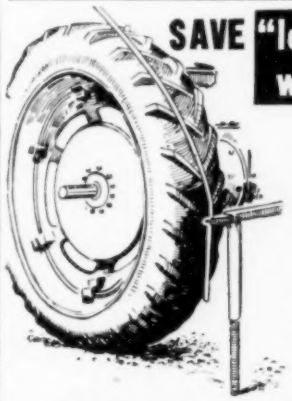

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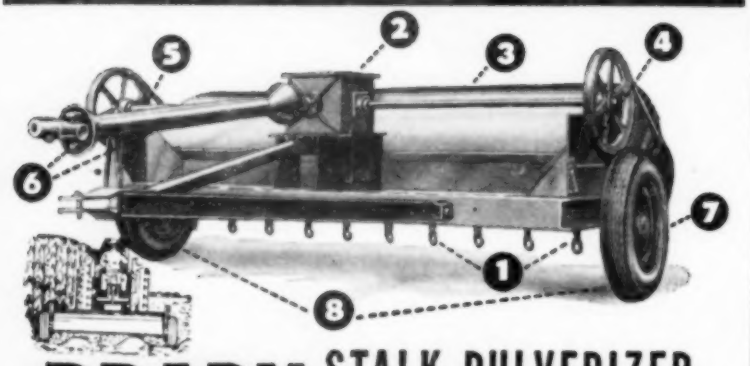

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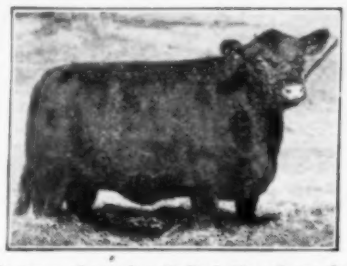
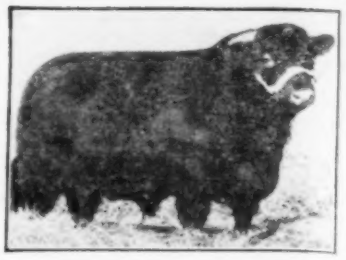


Reserve champion Polled Shorthorn female at 1949 Iowa fair was Cloverdale Sarcasm 8th, summer yearling shown by H. L. Flamme, Gladbrook, Iowa.



Iowa State Fair's reserve champion Shorthorn bull was Edellyn Royal Leader 66th, two-year-old from Edellyn Farms, Wilson, Ill.

Dual-Purpose Cattle

MILKING SHORTHORNS

Judge: A. W. Kohley, Naperville, Ill.

Exhibitors: Broadview Farms, Oskaloosa, Iowa; Chamberlain & Allen, Earlham, Iowa; Clampitt Farms, New Providence, Iowa; E. G. Heins & Sons, Manson, Iowa; Laneview Farms, Chestnut, Ill.; Hilmer Larsen, Wallingford, Iowa; Paul Larsen, Wallingford, Iowa; Ruth Larsen, Wallingford, Iowa; Russell McColly & Son, Ankeny, Iowa; McKee Farms, Carlisle, Iowa; Irvin F. Meyer & Sons, McGregor, Iowa; William Michael, Ankeny, Iowa; Edwin Miller, Rock Valley, Iowa; Mysha Farm, St. Anthony, Iowa; R. E. Perkins, Estherville, Iowa; John Sparks, St. Anthony, Iowa; Mary Van Wyngarden, Monroe, Iowa; T. H. Wagner & Son, Danville, Iowa.

Bulls: Aged (8 shown)—1, Laneview; 2, Mysha; 3, Chamberlain & Allen; 4, Meyer; 5, Miller. Two-year-olds (4 shown)—1, Laneview; 2, Hilmer Larsen; 3, Clampitt; 4, Broadview. Senior yearlings (8 shown)—1, Chamberlain & Allen; 2, Laneview; 3 and 5, McKee; 4, Perkins. Junior yearlings (4 shown)—1, Laneview; 2 and 4, Mysha; 3, Perkins. Calves (11 shown)—1 and 3, Broadview; 2 and 4, Mysha; 5, Chamberlain & Allen. Senior champion bull—Laneview on Kingsdale Robin Bates 4th (two-year-old). Junior champion bull—Broadview on Broadview Wacheron (calf). Grand champion bull—Laneview on Kingsdale Robin Bates 4th.

Females: Aged (10 shown)—1, Mysha; 2, Clampitt; 3, McColly; 4, Broadview; 5, Perkins. Three or four-year-olds (12 shown)—1, Clampitt; 2, McKee; 3 and 4, Meyer; 5, Broadview. Two-year-olds (15 shown)—1, Clampitt; 2, Mysha; 3, Laneview; 4, Meyer; 5, McColly. Dry ROM cows (7 shown)—1, McKee; 2, Clampitt; 3, Perkins; 4, Mysha; 5, McColly. Senior yearlings (16 shown)—1, Laneview; 2, Mysha; 3, Chamberlain & Allen; 4 and 5, McKee. Junior yearlings (16 shown)—1, Chamberlain & Allen; 2 and 5, Laneview; 3, Heins; 4, Mysha. Calves (30 shown)—1 and 5, Clampitt; 2, Laneview; 3, Meyer; 4, Chamberlain & Allen. Senior champion female—Clampitt on Edgewood Rose (two-year-old). Junior champion female—Laneview on Laneview Princess (senior yearling). Grand champion female—Clampitt on Edgewood Rose. Three cows (8 shown)—1, Clampitt; 2, Mysha; 3, Meyer; 4, Broadview; 5, McKee. Fair cows (9 shown)—1, Clampitt; 2, McKee; 3, Mysha; 4, Meyer; 5, Broadview.

Groups: Get of sire (10 shown)—1, Clampitt; 2, Laneview; 3, Chamberlain & Allen; 4, McKee; 5, Mysha. Graded herd (8 shown)—1, Laneview; 2, Clampitt; 3, Mysha; 4, McKee; 5, Broadview. Yearling herds (6 shown)—1, Laneview; 2, Chamberlain & Allen; 3 and 5, McKee; 4, Mysha. Fair calves (12 shown)—1, Chamberlain & Allen; 2, McKee; 3, Broadview; 4, Mysha; 5, Clampitt.

RED POLLED

Judge: P. S. Shearer, Ames, Iowa.

Exhibitors: J. F. Gilbert & Son, Earlham, Iowa; R. Chester Graff & Sons, Bancroft, Iowa; H. M. Helmick & Son, Bloomfield, Iowa; Leyh Bros., Sumner, Iowa; Ford Whipple, Galesburg, Ill.

Bulls: Aged (2 shown)—1, Graff; 2, Helmick. Two-year-olds (2 shown)—1, Whipple; 2, Leyh. Senior yearlings (1 shown)—1, Leyh. Junior yearlings (3 shown)—1, Graff; 2, Helmick; 3, Gilbert. Senior calves (4 shown)—1, Graff; 2, Whipple; 3, Leyh. Junior calves (4 shown)—1 and 2, Graff; 3, Leyh. Senior champion bull—Graff on Win Mock Farms (aged). Junior champion bull—Leyh on Twin Pine Conate (senior yearling). Grand champion bull—Graff on Win Mock Farms.

Females: Aged (3 shown)—1, Graff; 2, Gilbert; 3, Helmick. Three or four-year-olds (3 shown)—1, Gilbert; 2, Graff; 3, Whipple. Two-year-olds (4 shown)—1, Graff; 2, Gilbert; 3, Whipple. Senior yearlings (5 shown)—1, Leyh; 2, Whipple; 3, Helmick. Senior yearlings (4 shown)—1, Graff; 2, Gilbert; 3, Helmick. Senior calves (9 shown)—1, Graff; 2 and 3, Leyh. Junior calves (3 shown)—1, Gilbert; 2, Helmick; 3, Whipple. Senior champion female—Graff on Delia (two-year-old). Junior champion female—Leyh on Twin Pine Blossom (senior yearling). Grand champion female—Graff on Delia. Two females (3 shown)—1, Graff; 2, Gilbert; 3, Whipple.

Groups: Get of sire (5 shown)—1, Graff; 2, Leyh; 3, Gilbert. Produce of cow (5 shown)—1, Graff; 2, Leyh; 3, Helmick. Pair of yearlings (4 shown)—1, Leyh; 2, Graff; 3, Helmick. Fair calves (6 shown)—1 and 3, Gilbert; 2, Leyh.

Dairy Cattle

JERSEYS

Judge: George Cooper, Ann Arbor, Mich.

Exhibitors: Adams Bros., Moulton, Iowa; Gary Armann, Polk City, Iowa; Campbell & Young Jersey Farm, Jesup, Iowa; E. H. Chilcote, Bedford, Iowa; Claire & Gale Gates, West Liberty, Iowa; Joan Hilleman, State Center, Iowa; Herbert Kelso, Russell, Iowa; Harry Little, West Branch, Iowa; James Little, West Branch, Iowa; W. J. Little & Sons, West Branch, Iowa; William McLaughlin, Belmond, Iowa; C. E. Nicklin & Son, Selma, Iowa; Wayne Phillips, Rose Hill, Iowa; M. G. Safley, Hopkins, Mo.; Berr W. Sams & Sons, Beaman, Iowa; Mark E. Scott, West Point, Iowa; E. J. Skala, Tama, Iowa; Martin Tamae, Gladbrook, Iowa; Rex Thomas & Son, Barnes City, Iowa; Claire Wemer, Rose Hill, Iowa.

Bulls: Calves (12 shown)—1, Sams; 2, Wemer; 3, Campbell & Young; 4 and 5, Nicklin. Junior yearlings (2 shown)—1, Phillips; 2, Tamae. Senior yearlings (3 shown)—1, Nicklin; 2, Skala; 3, Wemer; 4, Thomas; 5, W. J. Little. Two-year-olds (2 shown)—1, Wemer; 2, Safley. Aged (4 shown)—1, Chilcote; 2, Campbell & Young; 3, Scott; 4, Sams. Senior champion bull—Wemer on Muriel's Masterstroke (two-year-old). Junior champion bull—Sams on Pinn Oxford Aim (calf). Grand champion bull—Wemer on Muriel's Masterstroke.

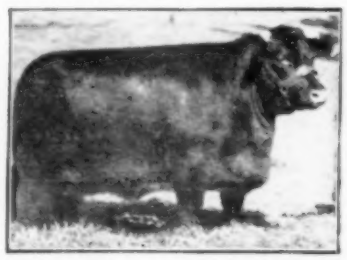
Females: Cows judged on udders (12 shown)—1, W. J. Little; 2, Sams; 3 and 5, Campbell & Young; 4, Wemer. Calves (21 shown)—1 Campbell & Young; 2, Wemer; 3, Skala; 4, Kelso; 5, Sams. Junior yearlings (12 shown)——1 and 3, Wemer; 2, Campbell & Young; 4, W. J. Little; 5, Sams. Senior yearlings (22 shown)—1, Wemer; 2, Sams; 3, Campbell & Young; 4, James Little; 5, Adams. Two-year-olds (8 shown)—1, Sams; 2, Campbell & Young; 3, 4 and 5, Adams. Three-year-olds (8 shown)—1, W. J. Little; 2, Campbell & Young; 3, Skala; 4, Sams; 5, Wemer. Four-year-olds (4 shown)—1, Wemer; 2, Campbell & Young; 3 and 4, Adams. Aged (9 shown)—1 and 2, Campbell & Young; 3, Nicklin; 4, Adams; 5, Wemer. Senior champion female—Campbell & Young on Brampton Facility (aged). Junior champion female—Wemer on X Design Spice (senior yearling). Grand champion female—Campbell & Young on Brampton Facility.

Groups: Dairy herds (4 shown) — 1, Campbell & Young; 2, Wemer; 3, Adams; 4, Nicklin. Three females (7 shown)—1, Wemer; 2, Nicklin; 3, Adams; 4, Sams; 5, W. J. Little. Get of sire (4 shown)—1 and 4, Adams; 2, Wemer; 3, Nicklin. Junior get of sire (8 shown)—1, Wemer; 2 and 5, Nicklin; 3, Sams; 4, Campbell & Young. Produce of dam (10 shown)—1, Campbell & Young; 2, Wemer; 3, Nicklin; 4 and 5, Adams.

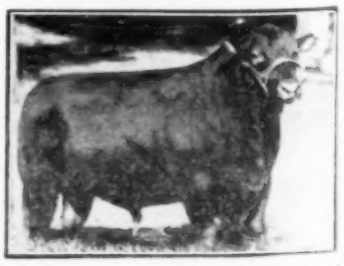
GUERNSEYS

Judge: J. P. Eves, Chicago, Ill.

Exhibitors: Dr. W. H. Acker, Waterloo, Iowa; E. J. Baker, St. Charles, Ill.; Bob Barnett, Earlham, Iowa; James Borcherding, Fredericksburg, Iowa; Gerald Eernisse, Toledo, Iowa; Sandra Ferguson, Marshalltown, Iowa; V. J. & J. W. Ferguson, Marshalltown, Iowa; Fort Dodge Creamery Co., Fort Dodge, Iowa; C. G. Good & Son, Ogden, Iowa; Garland Hopper, Toledo, Iowa; Marilyn Hutcheroft, Mediapolis Iowa; Harry & Robert Lage, Davenport, Iowa; Richard Ostendorf, Fort Dodge, Iowa; Iowa Farm, Geneva, Iowa; Harry Rees & Son, Prescott, Iowa; Rookwood Guernsey Farms, Oskaloosa, Iowa; Rosehill Farm, Polk City, Iowa; Arthur A. & Clark Satterlee, Independence, Iowa; Jerry Satterlee, Independence, Iowa; Albert Schmidt, Newton, Iowa; Edwin Schroeder, Stockton, Iowa; P. E. & Marvin Sturgeon, Woodward, Iowa; Harold Trible, Waterloo, Iowa; Raymond Vogt & Sons, Haverhill, Iowa; LeRoy Woodruff, Indianola, Iowa.



Both champion and reserve Shorthorn female ribbons at Iowa fair went to Holz Bros., Rippey, Iowa. This is reserve champion, Golden Rule Dorothy.



A top winner in dual-purpose cattle competition at Iowa fair was Win Mock Farms, champion Red Polled bull shown by R. C. Graff & Sons, Bancroft, Iowa.

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Clampitt Farms, New Providence, Iowa, showed the Iowa fair's grand champion Milking Shorthorn female, two-year-old Edgewood Rose.

Bulls: Calves (11 shown)—1, Peck's; 2, Rosebud; 3, V. J. & J. W. Ferguson; 4, Acker; 5, Lage. Junior yearlings (4 shown)—1, Peck's; 2, Rosebud; 3, Reese; 4, Lage. Senior yearlings (5 shown)—1, Sturgeon; 2, Peck's; 3, Schroeder; 4, Arthur & Clark Satterlee; 5, Rookwood. Two-year-olds (3 shown)—1, Baker; 2, Rookwood; 3, Fort Dodge Creamery. Three-year-olds (2 shown)—1, Acker; 2, Lage. Senior champion bull—Acker on Meadow Lodge General Monitor (three-year-old). Junior champion bull—Peck's on Peck's Achievement's Hero (calf). Grand champion bull—Acker on Meadow Lodge General Monitor.

Females: Cow judged on udder (11 shown)—1, Reese; 2, 3 and 4, Rosebud; 5, Acker. Calves (28 shown)—1 and 5, Lage; 2, Jerry Satterlee; 3, Rosebud; 4, Hutchcroft. Junior yearlings (9 shown)—1 and 4, Rosebud; 2, Peck's; 3, Lage; 5, Borcherding. Senior yearlings (12 shown)—1 and 2, Peck's; 3, Woodruff; 4, Lage; 5, Rosebud. Two-year-olds (13 shown)—1, Lage; 2 and 4, Rosebud; 3, Reese; 5, Hutchcroft. Three-year-olds (4 shown)—1, Lage; 2, Hooper; 3, Acker; 4, Rookwood. Four-year-olds (6 shown)—1, 3 and 4, Rosebud; 2, Acker; 5, Lage. Aged (3 shown)—1, Acker; 2 and 3, Rosebud. Senior champion female—Rosebud on Rosebud Farm Folly (four-year-old). Junior champion female—Lage on King's Charm Girl of Stide Well (calf). Grand champion female—Rosebud on Rosebud Farm Folly. Three females (8 shown)—1, Rosebud; 2, Lage; 3, Peck's; 4, Reese; 5, Borcherding.

Groups: Dairy herds (2 shown)—1, Rosebud; 2, Acker. Get of sire (4 shown)—1 and 4, Rosebud; 2, Reese; 3, Peck's. Junior get of sire—1, Peck's; 2, Rosebud; 3, Lage. 4, Fort Dodge Creamery; 5, Acker. Produce of dam (9 shown)—1, Lage; 2, Rosebud; 3, Reese; 4 and 5, Peck's.

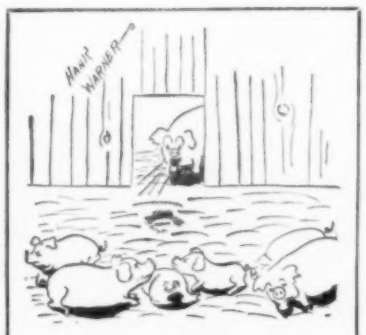
HOLSTEINS

Judge: F. W. Atkinson, Manhattan, Kansas.

Exhibitors: Herman Anderson, Des Moines, Iowa; G. J. DeSotal, Dows, Iowa; Dobihaft Holstein Farms, Delta, Iowa; Eastern Iowa Artificial Breeding Assn., Cedar Rapids, Iowa; Father Flanagan's Boys Home, Boys Town, Neb.; Irvin Halsted, Zearing, Iowa; Henry County Home, Mt. Pleasant, Iowa; A. J. Johnson, Elkader, Iowa; Myron Johnson, Boone, Iowa; Alan Kleiss, Brooklyn, Iowa; ManCryCo Farms, Manning, Iowa; Maytag Dairy Farms, Newton, Iowa; Barton McCuen & Son, Perry, Iowa; C. H. Miller & Son, Clarion, Iowa; Archie Nattleman, West Salem, Wis.; Earl Oberlin, Davenport, Iowa; Alfred M. Paper & Sons, Stockton, Iowa; Frank Paschal, Lamont, Iowa; Ravenglen Farms, Antioch, Ill.; Donald Rehder, Gladbrook, Iowa; Gail Riegle, Winterset, Iowa; I. P. Stewart, Maynard, Iowa; John Thomas, Mt. Ayr, Iowa; Richard Thompson, Boone, Iowa; Turner & Stewart, Fayette, Iowa; R. J. Tweedy & Son, Mt. Pleasant, Iowa; John Wetherbee, Marshalltown, Iowa; Anne Wiemann, Burlington, Iowa; Earl Wilson, Maynard, Iowa.

Bulls: Calves (16 shown)—1, Thomas; 2 and 5, Ravenglen; 3, Henry County Home; 4, Maytag. Junior yearlings (16 shown)—1, Ravenglen; 2, Rehder; 3, Paper; 4, Maytag; 5, ManCryCo. Senior yearlings (6) shown)—1, Maytag; 2, Ravenglen; 3, Eastern Iowa Breeding; 4, Paper; 5, Dobihaft. Two-year-olds (2 shown)—1, Ravenglen; 2, Paschal; 3, Rehder. Aged (3 shown)—1, Turner & Stewart; 2, Tweedy; 3, Nattleman. Senior champion bull, Turner & Stewart on Transmitter Governor Maybelle (aged). Junior champion bull—Ravenglen on Ravenglen Senator Norine (junior yearling). Grand champion bull—Turner & Stewart on Transmitter Governor Maybelle.

Females: Cow judged on udder (19 shown)—1, Maytag; 2 and 5, Ravenglen; 3, Rehder; 4, A. J. Johnson. Calves (29 shown)—1 and 4, Maytag; 2, Stewart; 3, Smith; 5, ManCryCo. Junior yearlings (9 shown)—1, 2 and 3, Maytag; 4, Thomas; 5, Rehder. Senior yearlings (24 shown)—1, Henry County Home; 2 and 4, Maytag; 3, A. J. Johnson; 5, Anderson. Two-year-olds (20 shown)—1, Stewart; 2, A. J. Johnson; 3, Maytag; 4, ManCryCo.; 5, Rehder. Three-year-olds (11 shown)—1 and 4,



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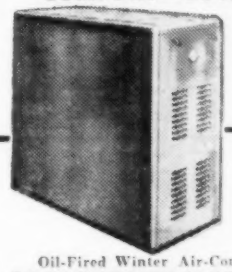

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700 bu. size—15 ft. high x 13½ ft. diam., **$249.00**
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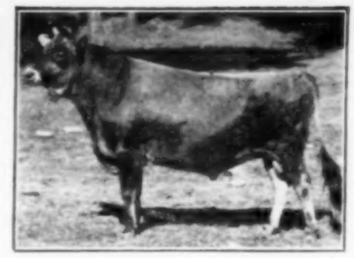
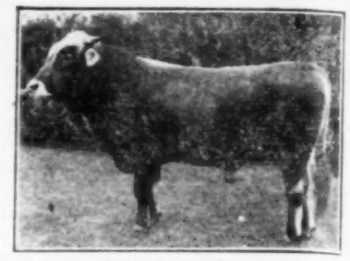


From the herd of Claire Wemer, Rose Hill, Iowa, came the Iowa State Fair's grand champion Jersey bull, Muriel's Masterstroke, a two-year-old.



Judd's Bridge Franklyn, senior yearling owned by Carleton Beh, Des Moines, Iowa, was junior and grand champion Brown Swiss bull at Iowa fair.

Rehder; 2, Maytag; 3, Anderson; 5, Stewart. Four-year-olds (8 shown)—1 and 3, Maytag; 2, Dobihaft; 4, Paper; 5, Rehder. Aged (15 shown)—1, Maytag; 2, 3 and 4, Ravenglen; 5, Rehder. Senior champion female—Maytag on Maytag Dictator Pontiac Lass (four-year-old). Junior champion female—Maytag on Maytag Ormsby Fobes Olivia (junior yearling). Grand champion female—Maytag on Maytag Dictator Pontiac Lass. Three females (11 shown)—1, Maytag; 2, Revenglen; 3, Paper; 4, Henry County Home; 5, ManCryCo.

Groups: Dairy herd (7 shown)—1, Ravenglen; 2, Maytag; 3, Rehder; 4, Stewart; 5, Paper. Get of sire (8 shown)—1, Ravenglen; 2, Maytag; 3, Rehder; 4, ManCryCo; 5, Tweedy. Junior get of sire (6 shown)—1, Maytag; 2, Rehder; 3, Paper; 4, Thomas; 5, Ravenglen. Produce of dam (13 shown)—1, 4 and 5, Ravenglen; 2, Maytag; 3, Stewart.

AYRSHIRES

Judge: Robert Seitz, Waukesha, Wis.

Exhibitors: Harry Barnett & Son, Lamoni, Iowa; Willard Cox & Son, Des Moines, Iowa; A. T. Estes, Ottumwa, Iowa; Richard Ford, Osceola, Iowa; Frost Bros., Waterloo, Iowa; Clarence Funk & Son, Waterloo, Iowa; Marvel Funk, Waterloo, Iowa; Harry Goettsch, Walcott, Iowa; Floyd Horn & Sons, Bloomfield, Iowa; Howie Lang & Sons, Brooklyn, Iowa; Harry Lorenz, Davenport, Iowa; Mr. and Mrs. F. L. McHone, Stockton, Iowa; Vernon Putz, Osceola, Iowa; E. C. Rasmussen, Audubon, Iowa; Jim & Jerry Roskens, Milford, Iowa; Robert Schlapkohl, Stockton, Iowa; Larry Sears, Grinnell, Iowa; Delores Snider, Madrid, Iowa; B C. Stephenson & Son, Riceville, Iowa; Marion Timmons, Osceola, Iowa; Wehrman Bros., Laurel, Iowa.

Bulls: Calves 11 shown)—1, Lang; 2, Putz; 3, Ford; 4, McHone; 5, Cox. Junior yearlings (3 shown)—1, McHone; 2, Lorenz; 3, Goettsch. Senior yearlings (1 shown)—1, Estes. Two-year-olds (3 shown)—1, Frost; 2, Schlapkohl; 3, Barnett. Aged (2 shown)—1, Stephenson; 2, Putz. Senior champion bull—Frost on Scottwood Ivanhoe (two-year-old). Junior champion bull—Lang on Spring City Designer (calf). Grand champion bull—Frost on Scottwood Ivanhoe.

Females: Cow judged on udder (13 shown)—1, Stephenson; 2, Lang; 3, Frost; 4, Roskens; 5, Sears. Calves (20 shown)—1, Stephenson; 2, Sears; 3, Lang; 4 and 5, Frost. Junior yearlings (10 shown)—1, Stephenson; 2, Lang; 3, McHone; 4, Schalpkohl; 5, Lorenz. Senior yearlings (14 shown)—1 and 5, Frost; 2, Sears; 3, Clarence Funk; 4, Lang. Two-year-olds (16 shown)—1, Frost; 2, Stephenson; 3 and 4, Lang; 5, Roskens. Three-year-olds (9 shown)—1, Lang; 2, Stephenson; 3 and 4, Lorenz; 5, McHone. Four-year-olds (6 shown)—1, Frost; 2 and 3, Lang; 4, Ford; 5, Stephenson. Aged (8 shown)—1, Rasmussen; 2, Stephenson; 3 and 4, Lang; 5, Timmons. Senior champion female—Lang on IowAyr Choice Princess (three-year-old). Junior champion female—Frost on City View Miss Sunshine (senior yearling). Grand champion female—Lang on IowAyr Choice Princess. Three females (6 shown)—1, Lang; 2, Horn; 3, Stephenson; 4, Lorenz; 5, McHone.

Groups: Dairy herd (5 shown)—1, Lang; 2, Stephenson; 3, Lorenz; 4, McHone; 5, Goettsch. Get of sire (5 shown)—1, Lang; 2, Stephenson; 3, Goettsch; 4, Ford; 5, Lorenz. Junior get of sire (5 shown)—1, Frost; 2, Stephenson; 3, Lang; 4, McHone; 5, Lorenz. Produce of dam (12 shown)—1, Lang; 2 and 3, Frost; 4, Stephenson; 5, McHone

BROWN SWISS

Judge: M. N. Lawritson, Lincoln, Nebr.

Exhibitors: W. H. Azeltine, Hampton, Iowa; Carleton Beh, Des Moines, Iowa; Ralph Bright, Eldora, Iowa; Marilyn Cobler, Ottumwa, Iowa; Richard Cobler, Ottumwa, Iowa; Robert Cobler, Ottumwa, Iowa; Sidney Danielson & Sons, Harcourt, Iowa; Daniel Diehl, Boone, Iowa; Frank Gilmore, Jefferson, Iowa; Garner & Silvers, Taintor, Iowa; Deane Haley, Sac City, Iowa; Lane Holdcroft, Sergeant Bluff, Iowa; Peter Huendling, Breda, Iowa; Joan Hunter, Gowrie, Iowa; E. J. Kersten, Ft. Dodge, Iowa; Earl Koboldt, Earlham, Iowa; Virginia Martin, Whitten, Iowa; Clyde Monson & Son, Gowrie, Iowa; Oliver Orskog, Callender, Iowa; Paul Otto, Ft. Dodge, Iowa; Paaske Bros., Davenport, Iowa; Harold Palmer & Son, Keota, Iowa; Edith King Pearson, Des Moines, Iowa; Everett Pittman, Hancock, Iowa; E. L. Telleen & Sons, Gowrie, Iowa; R. H. Vogler & Son, Ogden, Iowa.

Bulls: Calves (9 shown)—1, Pearson; 2, Martin; 3, Telleen; 4, Gilmore, 5, Bright. Junior yearlings (3 shown)—1, Palmer; 2, Danielson; 3, Vogler. Senior yearlings (3 shown)—1, Beh; 2, Orskog; 3, Otto. Two-year-olds (1 shown)—1, Gilmore. Aged (3 shown)—1, Bright, 2, Telleen; 3, Gilmore. Senior champion bull—Bright on Judd's Bridge Topper (aged). Junior champion bull—Beh on Judd's Bridge Franklyn (senior yearling). Grand champion bull—Beh on Judd's Bridge Franklyn.

Females: Cow judged on udder (12 shown)—1 and 3, Pearson; 2, Monson; 4, Telleen; 5, Bright. Calves (22 shown)—1, Azeltine; 2, Monson; 3, Telleen; 4, Holdcroft; 5, Diehl. Junior yearlings (14 shown)—1, Monson; 2, Pearson; 3, Bright; 4, Garner & Silvers; 5, Palmer. Senior yearlings (20 shown)—1, Holdcroft; 2, Bright; 3 and 4, Garner & Silvers; 5, Beh. Two-year-olds (15 shown)—1, Bright; 2 and 4, Monson; 3, Schmidt; 5, Koboldt. Three-year-olds (6 shown)—1 and 5, Bright; 2, Pearson; 3, Monson; 4, Telleen. Four-year-olds (7 shown)—1, Pearson; 2 and 3, Bright; 4, Monson; 5, Telleen. Aged (10 shown)—1 and 4, Bright; 2, Beh; 3, Gilmore; 5, Azeltine. Senior champion female—Pearson on Lily of Judd's Bridge (four-year-old). Junior champion female—Holdcroft on Bruce Acres Maggie (senior yearling). Grand champion female—Pearson on Lily of Judd's Bridge. Three females (8 shown)—1, Bright; 2, Pearson; 3, Monson; 4, Garner & Silvers; 5, Telleen.

Groups: Dairy herd (3 shown)—1, Bright; 2, Monson; 3, Gilmore. Get of sire (8 shown)—1, Gilmore; 2, Pearson; 3, Bright; 4 and 5, Monson Junior get of sire (4 shown)—1, Pearson; 2, Bright; 3, Garner & Silvers; 4, Gilmore. Produce of dam (10 shown)—1, Gilmore; 2 and 3, Monson; 4, Koboldt; 5, Telleen.

Breeding Swine

POLAND CHINAS

Judge: W. C. Anderson, West Liberty, Iowa.

Exhibitors: Oscar W. Anderson & Sons, Leland, Ill.; Richard Bahr, Alden, Iowa; Wayne Bates, Carlinville, Ill.; Brown & Brown, Hampton, Iowa; Walter Busse, Oakland, Iowa; William Carver & Sons, LaMoille, Ill.; C. L. Clark & Sons, LeClaire, Iowa; George H. Collins & Sons, Jesup, Iowa; J. D. Dodder, Letts, Iowa; Eugene Dugan, Storm Lake, Iowa; Emmert Farms, Mason City, Iowa; N. L. Farmer & Son, Platte City, Mo.; Edward E. Forest & Sons, Mt. Vernon, Iowa; Floyd Friedow & Sons, Kanawha, Iowa; Elmer Garrels, Mt. Pleasant, Iowa; Leo Hay, Anamosa, Iowa; Helgens Bros., Monticello, Iowa; O. J. Hess, Worthington, Iowa; Carl Hirsch, Indianola, Iowa; E. S. Huinker & Son, Decorah, Iowa; J. F. Johnson, Norwalk, Iowa; Lyle Johnson, Moscow, Iowa; Oscar D. Larson, Clarion, Iowa; Rodney Larson, Clarion, Iowa; Morgan & Morgan, Harlan, Iowa; Alfred M. Paper & Sons, Stockton, Iowa; Penningroth Bros., Wellman, Iowa; Louis Reilly, Lone Rock, Iowa; Edwin Rhoda, Chenoa, Ill.; Norman Watne, Eagle Grove, Iowa; Harold Wheater, Marshalltown, Iowa.

Boars: Aged (4 shown)—1, Reilly; 2, Oscar Larson; 3, Huinker; 4, Collins. Senior yearlings (7 shown)—1, Hirsch; 2, Hess; 3, Dodder; 4, Anderson; 5, Paper. Junior yearlings (12 shown)—1, Hess; 2, Friedow; 3, Anderson; 4, Emmert; 5, Dugan. Fall (12 shown)—1, Anderson; 2 and 4, Reilly; 3, Dugan; 5, Friedow. Senior spring (41 shown)—1 and 4, Dodder; 2, Busse; 3, Bates; 5, Friedow. Junior spring (36 shown)—1, Dodder; 2, Anderson; 3, Clark; 4, Hess; 5, Hay. Senior champion boar—Hess on Pure Diamond (junior yearling); reserve, Hirsch on Royal Maker (senior yearling). Junior champion boar—Dodder on Justifier (senior spring); reserve, Busse on Bouncer's Play Boy (senior spring). Grand champion boar—Hess on Pure Diamond; reserve, Dodder on Justifier.

Sows: Aged (12 shown)—1, Morgan & Morgan; 2, Anderson; 3, Busse; 4, Hess; 5, Collins. Senior yearlings (11 shown)—1, Anderson; 2, Collins; 3, Paper; 4, Brown & Brown; 5, Dugan. Junior yearlings (19 shown)—1 and 4, Hess; 2, Clark; 3, Oscar Larson; 5, Collins. Fall (15 shown)—1, Bahr; 2, Huinker; 3, Anderson; 4, Busse; 5, Friedow. Senior spring (42 shown)—1, Reilly; 2, Clark; 3, Helgens; 4, Dodder; 5, Hay. Junior spring (38 shown)—1 and 2, Dodder; 3, Hess; 4, Anderson; 5, Hirsch. Senior champion sow—Hess on Charming Lady (junior yearling); reserve, Anderson on Supremacy (senior yearling). Junior champion sow—Reilly on Lady Bomber 2d (senior spring); reserve, Bah on Stray [illegible]. Grand champion sow—Hess on Charming Lady; reserve, Anderson on Sup[illegible].

Groups: Young herd (16 shown)—1, Dodder; 2, Reilly; 3, Busse; 4, Anderson; 5, Bates. Get of sire (17 shown)—1, Dodder; 2, Reilly; 3, Busse; 4, Anderson; 5, Bates. Produce of dam (12 shown)—1, Dodder; 2, Reilly; 3, Anderson; 4, Friedow; 5, Helgens. Breeder-feeder litter (4 shown)—1, Dodder; 2, Morgan & Morgan; 3, Brown & Brown; 4, Hay.

DUROCS

Judges: Carroll Plager, Austin, Minn., and Wilbur Plager, Des Moines, Iowa.

Exhibitors: Airy Bros., Derby, Iowa; Herman Anderson, Des Moines, Iowa; Gordon Appenzeller, Stratford, Iowa; Marvin Beechner, Cameron, Mo.; Frank Bence & Son, Altoona, Iowa; Howard Berry, Iowa City, Iowa; Oliver [illegible], Farragut, Iowa; Leslie Buzzell & Sons, Boone, Iowa; J. R. Caputo & Paul [illegible], Granger, Iowa; Matt Carroll, Jr., Carroll, Iowa; Byron Clark, Iowa Falls, Iowa; Gilbert Cooksley, [illegible], Iowa; Wayne Davis, Mahaska, Iowa; Joe Duea, Belmond, Iowa; Vinson & Sanford Duea, Belmond, Iowa; Lauzel Ely, Melbourne, Iowa; R. E. Glew, Maynard, Iowa; Kenneth Grouwinkel

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Grand champion Berkshire boar in Iowa State Fair swine show was Maple Grove Critic 5th, senior yearling from herd of Eugene Fitz, Melbourne, Iowa.

Columbus Junction, Iowa; Lowell Harper, Ames, Iowa; Vincent Harrington, Hopkinton, Iowa; Benton Harrison, Maynard, Iowa; John Heffelfinger, Washington, Iowa; Lila June Heffelfinger, Washington, Iowa; Marjorie Heffelfinger, Washington, Iowa; W. H. Helmke & Sons, Renwick, Iowa; L. T. Holbert, Dayton, Iowa; M. J. Howlett & Son, Britt, Iowa; Eph Hughes, Gilson, Ill.; Arnold Hunter, Mingo, Iowa; Iowa Falls Duroc Breeders Assn., Iowa Falls, Iowa; Harry Kime, Cumming, Iowa; Klein & Newbauer, Iowa Falls, Iowa; E. W. Klingman, Waterloo, Iowa; Knotek Bros., Riverside, Iowa; Ralph Knotek, Riverside, Iowa; Robert Lanigan, Fairbank, Iowa; C. E. Louden & Son, Grinnell, Iowa; Maahs Bros., Walton, Neb.; Edwin Madson, West Liberty, Iowa; Tom Manning, Dallas Center, Iowa; Ernest McDermott, Anita, Iowa; Homer Minnick, Mt. Ayr, Iowa; Russell Miszner, LaPorte City, Iowa; Gerald Nevins, West Liberty, Iowa; Paul Bros., Dallas Center, Iowa; Jay Paul, Dallas Center, Iowa; Pearson Stock Farm, Radcliffe, Iowa; Corwin Peer, Algona, Iowa; Artie Pence, Delta, Iowa; Mrs. J. L. Peppard, Lawson, Mo.; Jesse Prescott, Clear Lake, Iowa; Stanley Rash, New Providence, Iowa; Forrest Schmitt, Hampton, Iowa; S. C. Schrage, Eagle Grove, Iowa; T. E. Smith, Paton, Iowa; Paul Stolte, Madrid, Iowa; Sunset Knoll Farm, Ames, Iowa; Robert Swanstrom, Hedrick, Iowa; A. B. Thomas & Son, Iowa City, Iowa; John Thompson, Lake City, Iowa; Lester Thompson, King City, Mo.; Harold Timm, Muscatine, Iowa; Charles Troyer & Sons, Kinross, Iowa; Gregor Vaske & Sons, Dyersville, Iowa; Warrick Bros., Prairie City, Iowa; Herman Whipple, Cumming, Iowa; Elmer Willey, Vincent, Iowa; Bobby Williams, Nevada, Iowa; Joe Williams, New Providence, Iowa.

Boars: Aged (4 shown)—1, Peppard; 2, Bence; 3, John Thompson; 4, Minnick. Senior yearlings (6 shown)—1, Willey; 2, Beechner; 3, Vaske; 4, Kime; 5, Miszner. Junior yearlings (21 shown)—1, Pearson; 2, Paul Bros.; 3, Timm; 4, Peer; 5, Harrington. Fall (15 shown)—1, Bricker; 2, Louden; 3, Warrick; 4, Vaske; 5, Davis. Senior spring (61 shown)—1, Ralph Knotek; 2 and 3, Klein & Newbauer; 4, Rash; 5, Buzzell. Junior spring (47 shown)—1, Thomas; 2, Warrick; 3 and 5, Holbert; 4, Clark. Senior champion boar—Pearson on Sir Valiant (junior yearling); reserve, Elmer Willey on Top's Trademark (senior yearling. Junior champion boar—Ralph Knotek on Smooth Admiral 2nd (senior spring); reserve, Bricker on Proud Perfection (fall). Grand champion boar—Pearson on Sir Valiant; reserve, Willey on Top's Trademark.

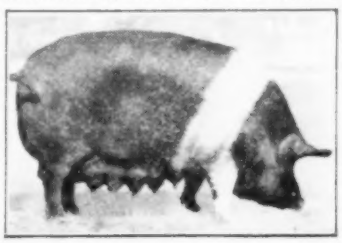
Sows: Aged (15 shown)—1, Peppard; 2, Warrick; 3, Willey; 4, Helmke; 5, Peer. Senior yearlings (13 shown)—1, Vaske; 2, Willey; 3, Schrage; 4, Peppard; 5, Kime. Junior yearlings (17 shown)—1, Vaske; 2, Schrage; 3, Peppard; 4, Willey; 5, Beechner. Fall (19 shown)—1, Peppard; 2 and 3, Willey; 4, Beechner; 5, Thomas. Senior spring (63 shown)—1, Pearson; 2, Victor & Sanford Duea; 3, Klein & Newbauer; 4, Louden; 5, Rash. Junior spring (42 shown)—1, Warrick; 2, Willey; 3, Pearson; 4, Holbert; 5, Ralph Knotek. Senior champion sow—Vaske on Proud Fancy (senior yearling); reserve, Vaske on Stylish Lady 1st (junior yearling). Junior champion sow—Warrick on Miss Crown (junior spring); reserve, Peppard on Smooth Lady (fall). Grand champion sow—Vaske on Proud Fancy; reserve, Warrick on Smooth Lady.

Groups: Young herd (24 shown)—1, Klein & Newbauer; 2, Louden; 3, Warrick; 4, Holbert; 5, Rash. Get of sire (28 shown)—1, Willey; 2, Warrick; 3, Rash; 4, Klein & Newbauer; 5, Holbert. Produce of dam (27 shown)—1, Klein & Newbauer; 2, Rash; 3, Warrick; 4, Holbert; 5, Louden. Breeder-feeder litter (6 shown)—1, Rash; 2, Minnick; 3, Klein & Newbauer; 4, Joe Duea; 5, Troyer.

CHESTER WHITES

Judge: Warren Connor, Glidden, Iowa.

Exhibitors: Thomas Anderson, Grand Mound, Iowa; Francis Brown, Conway, Iowa; Roy Copp & Son, Glidden, Iowa; Dale Danneman, Ambes, Iowa; E. I. Envart & Son, Prairie City, Iowa; G. R. Gilbert & Sons, Prairie City, Iowa; Charles Harrington, DeWitt, Iowa; Charles Heinz, Dawson, Iowa; Jackson Bros., Hampton, Iowa; Russ Jamison, Center Junction, Iowa; Henry Jurgensen, Olin, Iowa; Just-A-Mere Farm, Blanchard, Iowa; C. T. Keen & Sons, Marshalltown, Iowa; Robert Lanigan,



Idea Model Dinna 1st won senior and grand champion Hampshire sow honors at the Iowa State Fair for H. A. Kleemeier, Rockwell City, Iowa.

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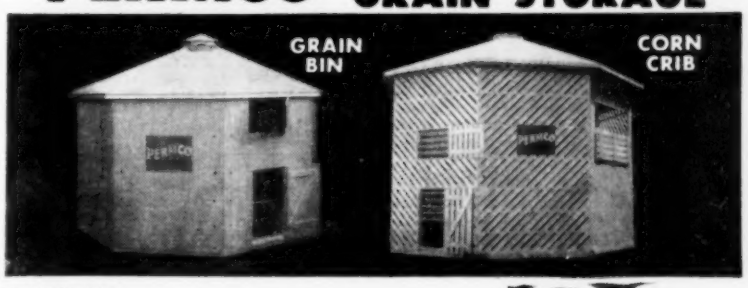

FEATURES

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The most economical, safe method of building extra cribs for storing surplus corn is circular cribs of 50 ft. slat or wire cribbing, using 2 posts 4 ft. apart for a doorway. The crib will measure approximately 17 ft. in diameter, and a Permco Top protects over the edge, giving constant weather proof protection. Complete cost of this crib, holding 1,350 bushels, only 12c a bushel.

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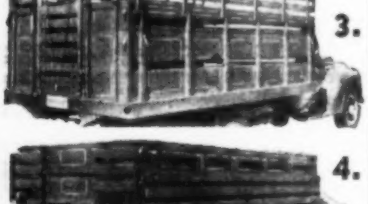
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The Knapheide "Quad"

The new "Quad"—4 in 1 Combination Body embodies the time-proven steel side grain body, plus removable tip-tops, plus the hinge-down rack.

Quickly remove tip-tops and racks and you have (1) a completely grain-tight body with 28" sides ideally suited for use in conjunction with a combine or for hauling small grain.

Add (2) 12" steel tip-tops and you have a completely grain-tight body with 40" sides for hauling ear corn or any other bulky product.

Add (3) hinge-down type racks and remove steel ventilators in grain sides and tip-tops and you are all set to take a load of livestock to market with a 66" high livestock body. When through hauling stock, racks can be folded down (4) out of the way ready to be used again at a moment's notice or quickly removed from body if desired.

Two complete sets of rear center gates are furnished with the Quad, the new improved lever-type sliding grain gate for use with grain sides and the new, "easy-lift" combination lift-out and sliding stock gate for use with racks, the latter being controlled by a rope and pulley arrangement for easy operation from either ground or dock level.

The Quad will take care of more hauling problems than any other farm body and has the same dependability which has made **Knapheide** transportation equipment famous for more than a century.

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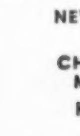

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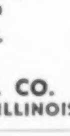

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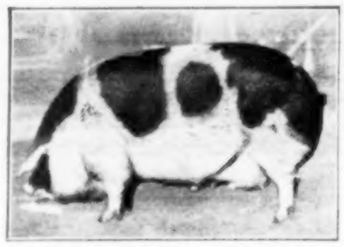
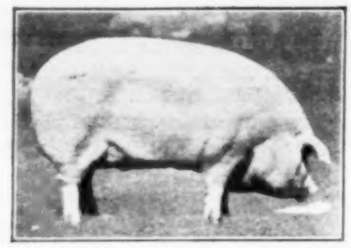


Senior and grand champion Spotted Poland China sow at 1949 Iowa fair was Mabel, aged sow, exhibited by R. D. Wilson, of St. Charles, Iowa.



Duchess 1st, fall gilt shown by C. T. Keen & Sons, Marshalltown, Iowa, was the Iowa State Fair's junior and grand champion Chester White sow.

Fairbank, Iowa; McBride Farms, Des Moines, Iowa; W. A. McMahon, West Liberty, Iowa; Dale Meyer, Wilton Iowa; Mr. and Mrs. Henry Meyer, Wilton, Iowa; Harold Miller, Janesville, Iowa; Eldon Mosler, Oswego, Kans.; A. H. Petersen, Waterloo, Iowa; Lowell Rockafellow & Sons, West Liberty, Iowa; Walter Schminke & Son, Van Horne, Iowa; Sherer & Fortner, Joy, Ill.; Glenn & Melvin Smith, Indianola, Iowa; Carl Steinfeldt & Son, Eldora, Iowa; Sunnycrest Farm, Kingsley, Iowa; Rex Thomas & Sons, Barnes City, Iowa; Ted Trowbridge, Marshalltown, Iowa; R. E. Williams & Sons, Iowa City, Iowa.

Boars: Aged (5 shown)—1, Just-A-Mere; 2, Sunnycrest; 3, Williams; 4, Daye Meyer; 5, Brown. Senior yearlings (2 shown)—1, Steinfeldt; 2, Rockafellow. Junior yearlings (12 shown)—1 and 5, Keen; 2, Miller; 3, Copp; 4, McBride. Fall (9 shown)—1, McMahon; 2, Keen; 3, Jurgensen; 4, McBride; 5, Just-A-Mere. Senior spring (42 shown)—1, Miller; 2 and 4, Petersen; 3, Keen; 5, Trowbridge. Junior spring (26 shown)—1, Keen; 2, Miller; 3, Trowbridge; 4, Petersen; 5, Copp. Senior champion boar—Just-A-Mere on Alfalfa Toplot (aged); reserve, Keen on Perfector (junior yearling). Junior champion boar—Miller on Promoter's Echo (senior spring); reserve, Petersen on Producer's Pacesetter (senior spring). Grand champion boar—Just-A-Mere on Alfalfa Toplot; reserve, Keen on Perfector.

Sows: Aged (12 shown)—1 and 2, Schminke; 3, Rockafellow; 4, Copp; 5, Dale Meyer. Senior yearlings (11 shown)—1, Copp; 2, Smith; 3 and 4, Keen; 5, McBride. Junior yearlings (13 shown)—1, Keen; 2, Jurgensen; 3, Copp; 4, Smith; 5, Williams. Fall (19 shown)—1, Keen; 2, Harrington; 3, Jurgensen; 4, Schminke; 5, Copp. Senior spring (48 shown)—1, Keen; 2, Schminke; 3, Lanigan; 4, Petersen; 5, Miller. Junior spring (35 shown)—1, Keen; 2, Copp; 3, Petersen; 4, Lanigan; 5, Just-A-Mere. Senior champion sow—Keen on Dream Lady (junior yearling); reserve, Jurgensen on White Model Lady (junior yearling). Junior champion sow—Keen on Duchess 1st (fall); reserve, Harrington on Scenic Hill Fancy (fall).

Groups: Young herd (18 shown)—1, Keen; 2, Petersen; 3, Copp; 4, Harrington; 5, Jurgensen. Get of sire (18 shown)—1, Keen; 2, Miller; 3, Petersen, 4, Copp; 5, Jurgensen. Produce of dam (16 shown)—1, Keen; 2, Copp; 3, Jurgensen; 4, Schminke; 5, Lanigan. Breeder-feeder litter (15 shown)—1 and 1, Keen; 2 and 5, Williams; 3, Just-A-Mere.

SPOTTED POLAND CHINAS

Judge: A. L. Anderson, Ames, Iowa.

Exhibitors: A. J. Anderson & Sons, Kellogg, Iowa; Carroll Anderson, Kellogg, Iowa; Arthur Bailey & Son, West Liberty, Iowa; H. E. Cerny & Sons, Dorchester, Neb.; Churchill Bros., Prairie City, Iowa; Wayne Davis, Mahaska, Kans.; Richard DeMoss, Ames, Iowa; Donald Duff, Lorimor, Iowa; Ernest Eysink, Sully, Iowa; Richard Fitzgerald, Kellogg, Iowa; George Fry, Jr., Kalona, Iowa; R. W. Hansell & Son, Indianola, Iowa; Paul Hawbaker, Adel, Iowa; John Heemstra, Lucas, Iowa; Bill Hemm, Chapin, Iowa; Casey Heuberger, Sheffield, Iowa; Vernon Irlbeck, Templeton, Iowa; W. E. Irlbeck, Templeton, Iowa; Earl Kellogg & Son, Winfield, Iowa; Glen Lister, Jr., Bloomfield, Iowa; Hubert Lister, Bloomfield, Iowa; I. C. Lister, Bloomfield, Iowa; McElroy Bros., Afton, Iowa; Eunice Mountain, Lorimor, Iowa; Eugene Rath, Missouri Valley, Iowa; Edwin Semler, Kalona, Iowa; R. G. Shaver, Kalona, Iowa; Lyle Stoaks, Conway, Iowa; T. A. Swafford & Son, Richmond, Mo.; J. W. Triggs & Son, Mt. Ayr, Iowa; R. D. Wilson, St. Charles, Iowa; Walter Woodyard & Son, Indianola, Iowa.

Boars: Aged (6 shown)—1, Cerny; 2, Hawbaker; 3, Stoaks; 4, Wilson; 5, Bailey. Senior yearlings (none shown). Junior yearlings (10 shown)—1, Hansell; 2, A. J. Anderson; 3, Wilson; 4, Hemm; 5, Davis. Fall (7 shown)—1, A. J. Anderson; 2, Wilson; 3, I. C. Lister; 4, W. E. Irlbeck; 5, Davis. Senior spring (33 shown)—1, Hemm; 2, Carroll Anderson; 3, Hansell; 4, Wilson; 5, Triggs. Junior spring (34 shown)—1, Carroll Anderson; 2, Hemm; 3, Hansell; 4, A. J. Anderson; 5, Hubert Lister. Senior champion boar—Cerny on Namesake King I (aged); reserve, Hansell on Good News (junior yearling). Junior champion boar—Hemm on Mapleleaf Master (senior spring); reserve, A. J. Anderson on Glory Bond (fall). Grand champion boar—Cerny on Namesake King I; reserve, Hansell on Good News.

Sows: Aged (10 shown)—1, Wilson; 2, Hansell; 3, Heemstra; 4, McElroy; 5, Kellogg. Senior yearlings (7 shown)—1, I. C. Lister; 2, McElroy; 3, Churchill; 4 and 5, Hemm. Junior yearlings (11 shown)—1, A. J. Anderson; 2, Hansell; 3, McElroy; 4, Stoaks; 5, Bailey. Fall (9 shown)—1, I. C. Lister; 2, W. E. Irlbeck; 3 and 5, Hemm; 4, Wilson. Senior spring (35 shown)—1 and 2, Hemm; 3, A. J. Anderson; 4, McElroy; 5, Woodyard. Junior spring (28 shown)—1, Carroll Anderson; 2, A. J. Anderson; 3 and 5, Hemm; 4, Hansell. Senior champion sow—Wilson on Mabel (aged); reserve, Hansell on The Duchess (aged). Junior champion sow—I. C. Lister on Miss Bloomfield III (fall); reserve, Bill Hemm on Mapleleaf Maiden (senior spring). Grand champion sow—Wilson on Mabel; reserve, Hansell on The Duchess.

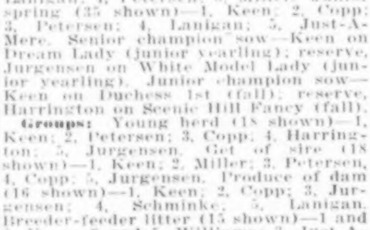
Groups: Young herd (21 shown)—1, Hemm; 2, Carroll Anderson; 3, A. J. Anderson; 4, Wilson; 5, I. C. Lister. Get of sire (25 shown)—1 and 4, Hemm; 2, Carroll Anderson; 3, A. J. Anderson; 5, Wilson. Produce of dam (25 shown)—1, Hemm; 2, Carroll Anderson; 3, A. J. Anderson; 4, Hansell; 5, W. E. Irlbeck. Breeder-feeder litter (7 shown)—1, A. J. Anderson; 2, I. C. Lister; 3, Vernon Irlbeck; 4, Hansell; 5, Stoaks.

BERKSHIRES

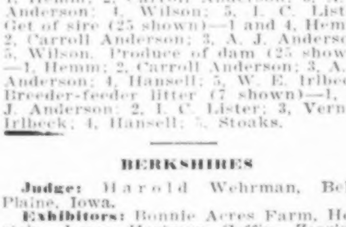
Judge: Harold Wehrman, Belle Plaine, Iowa.

Exhibitors: Bonnie Acres Farm, Holstein, Iowa; Hartman Coffin, Zearing, Iowa; Cooley & Smith, Broeton, Ill.; Robert J. Cunningham, Rodman, Iowa; LeRoy & Bob Faint, Havelock, Iowa; Annette Fitz, Melbourne, Iowa; Eugene Fitz, Melbourne, Iowa; Jim Frier, Reinbeck, Iowa; Golden Glow Farms, Ionia, Iowa; Edward W. Hollmann, Malcom, Iowa; E. O. Herbold, Colfax, Iowa; Larry Herbold, Colfax, Iowa; Kermit L. Hougen, Radcliffe, Iowa; Delmar Jensen, Emmetsburg, Iowa; Stanley K. Swift, Gilman, Iowa; Theodore Porstmann, Montpelier, Iowa; Tony Schmidt, Delhi, Iowa; LaVonne Welter, Ionia, Iowa; William Wilkining, Collins, Iowa; W. H. Zeisneiss & Son, Colo, Iowa.

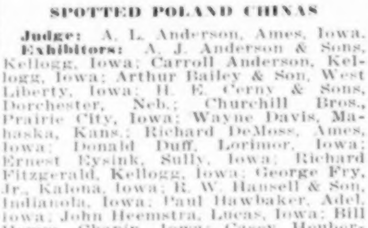
Boars: Aged (2 shown)—1, Hougen; 2, Porstmann. Senior yearlings (1 shown)—1, Eugene Fitz. Junior yearlings (5 shown)—1, Hollmann; 2, Bonnie Acres; 3, Swift; 4, Eugene Fitz; 5, Hougen. Fall (10 shown)—1, Schmidt; 2, Bonnie Acres; 3, Faint; 4 and 5, Coffin. Senior spring (22 shown)—1, Bonnie Acres; 2, Jensen; 3, Coffin; 4, Eugene Fitz; 5, Hollmann. Junior spring (16 shown)—1, Bonnie Acres; 2, Coffin; 3, Faint; 4, Jensen; 5, Hollmann. Senior champion boar—Eugene Fitz on Maple Grove Critic 5th (sen-



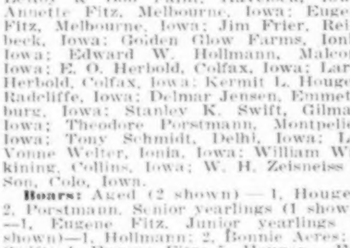
Kermit Hougen, of Radcliffe, Iowa, showed the Iowa State Fair's senior and grand champion Berkshire sow, Broadlong Fair Parade.



Model Farm at Mundelein, Ill., showed Master Model to senior and grand championships in Hampshire classes at 1949 Iowa State Fair.



Sir Valiant, a junior yearling, won the senior and grand champion Duroc boar honors at Iowa fair for Pearson Stock Farm, Radcliffe, Iowa.



Reserve grand champion Poland China sow at Iowa fair was Supremacy, senior yearling shown by Oscar Anderson & Sons, Leland, Ill.

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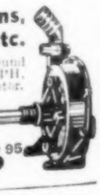

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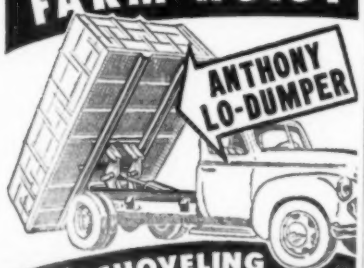

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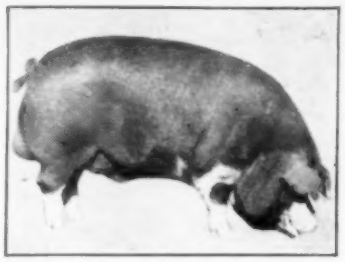

Iowa fair's grand champion Poland China boar was a junior yearling. Pure Diamond, which won the honor for O. J. Hess, of Worthington, Iowa.

for yearling); reserve, Hollmann on Rockway's Showman (junior yearling). Junior champion boar—Bonnie Acres on Bonnie Acres Masterpiece 6th (junior spring); reserve, Coffin on Maplewood Royal Rocket 3d (junior spring). Grand champion boar—Eugene Fitz on Maple Grove Critic 5th; reserve, Bonnie Acres on Bonnie Acres Masterpiece 6th.

Sows: Aged (6 shown)—1, Hougen; 2, Zeisneiss; 3, Bonnie Acres; 4, Golden Glow; 5, Frier. Senior yearlings (2 shown)—1 Zeisneiss; 2, Golden Glow. Junior yearlings (7 shown)—1 and 4, Bonnie Acres; 2 and 5, Golden Glow; 3, Jensen. Fall (12 shown)—1, Coffin; 2, Faint; 3, Jensen; 4, Bonnie Acres; 5, Schmidt. Senior spring (22 shown)—1, Hollmann; 2, Bonnie Acres; 3, Coffin; 4, Hougen; 5, Faint. Junior spring (17 shown)—1, Faint; 2, Annette Fitz; 3, Bonnie Acres; 4, Swift; 5, Coffin. Senior champion sow—Hougen on Broadlong Fair Parade (aged); reserve, Bonnie Acres on Ford-Del Rosalind (junior yearling). Junior champion sow—Coffin on Maplewood Rocketetta (fall) reserve, Hollmann on Rockway Bonnie Rose (senior spring). Grand champion sow—Hougen on Broadlong Fair Parade; reserve, Bonnie Acres on Ford-Del Rosalind.

Groups: Young herd (14 shown)—1, Bonnie Acres; 2, Coffin; 3, Hollmann; 4, Faint; 5, Jensen. Get of sire (15 shown)—1, Bonnie Acres; 2, Coffin; 3, Hollmann; 4, Faint; 5, Jensen. Produce of dam (12 shown)—1, Bonnie Acres; 2, Coffin; 3, Hollmann; 4, Faint; 5, Jensen. Breeder-feeder litter (3 shown)—1, Faint; 2, Bonnie Acres; 3, Annette Fitz.

HAMPSHIRES

Judge: Leon J. Frantz, Grand Junction, Iowa.

Exhibitors: Lyle Clinton, Sac City, Iowa; Raymond Daggett, Conrad, Iowa; James Dunn, Wayman, Iowa; Robert Einfeldt, Wilton Junction, Iowa; Ellison & Smith, Mt. Vernon, Iowa; Harold Fischer, Burt, Iowa; Duane Haley, Sac City, Iowa; Hillsdale Farm, Brookings, S. D.; Kenclair Hereford Farm, Auburn, Iowa; H. A. Kleemeier, Rockwell City, Iowa; Allen Lang & Son, Brooklyn, Iowa; Lettow Bros., Alden, Iowa; Carl Lettow, Alden, Iowa; James Lettow, Alden, Iowa; George Lorenz, Wells, Minn.; Dale McGraw, Pleasantville, Iowa; Mr. and Mrs. F. L. McHone, Stockton, Iowa; Harley Meeker & Son, Mediapolis, Iowa; Model Farm, Mundelein, Ill.; Victor Mueller, Lone Tree, Iowa; Lee Norris, Fremont, Iowa; Lorin Oxley, West Liberty, Iowa; Lawrence Putney, Gladbrook, Iowa; Dean Riemenschneider, Pierson, Iowa; Emery Riemenschneider, Pierson, Iowa; Raymond Schwartz & Sons, Walnut, Iowa; Shirley Short, Redfield, Iowa; W. F. Short, Jr., Redfield, Iowa; C. W. Smith, Mt. Vernon, Iowa; Smylie & Robertson, Columbus Junction, Iowa; Howard Soorholtz, Melbourne, Iowa; John Soorholtz, Melbourne, Iowa; Harold Telsrow, Tipton, Iowa; Maurice Weitz, Webster City, Iowa; Ford Whipple, Galesburg, Ill.

Boars: Aged (5 shown)—1, Model Farm; 2, Smylie & Robertson; 3, Dunn; 4, Daggett; 5, Whipple. Senior yearlings (3 shown)—1, Fischer; 2, Howard Soorholtz; 3, Clinton. Junior yearlings (9 shown)—1, Lettow Bros.; 2, McGraw; 3, Weitz; 4, Oxley; 5, Lang. Fall (8 shown)—1, Model Farm; 2, Schwartz; 3, Ellison & Smith; 4, Meeker; 5, Lang. Senior spring (32 shown)—1, Clinton; 2, Carl Lettow; 3, Weitz; 4, Emery Riemenschneider; 5, Meeker. Junior spring (21 shown)—1, Clinton; 2 and 3, Model Farm; 4, Emery Riemenschneider; 5, Fischer. Senior champion boar—Model Farm on Master Model (aged); reserve, Smylie & Robertson on Permanent Fixer (aged). Junior champion boar—Model Farm on Duplicator (fall); reserve, Clinton on Cumberland (junior spring). Grand champion boar—Model Farm on Master Model; reserve, Model Farm on Duplicator.

Sows: Aged (8 shown)—1, Kleemeier; 2, Lettow Bros.; 3, Fischer; 4, Weitz; 5, Carl Lettow. Senior yearlings (5 shown)—1, Kenclair; 2, Fischer; 3, Putney; 4 and 5, Carl Lettow. Junior yearlings (14 shown)—1, Emery Riemenschneider; 2, Model Farm; 3, Weitz; 4, Norris; 5, Putney. Fall (11 shown)—1 and 2, Model Farm; 3, Hillsdale; 4, Putney; 5, Carl Lettow. Senior spring (28 shown)—

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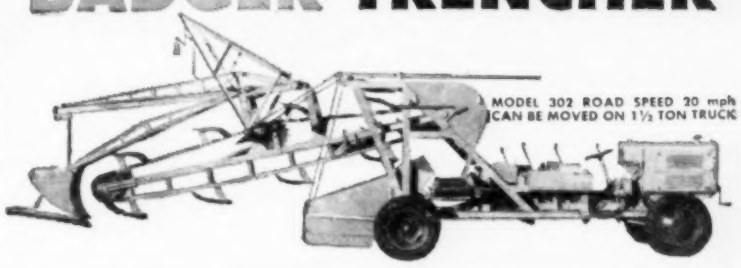

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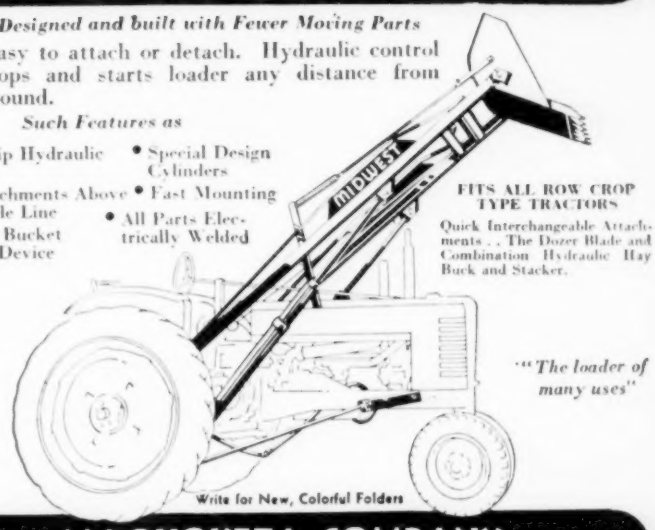

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Ralph Knotek, Riverside, Iowa, showed his senior spring boar, Smooth Admiral 2d, to the junior championship in State Fair Duroc classes.

Lady Bomber 2d, senior spring gilt from the herd of Louis Reilly, Lone Rock, Iowa, was named junior champion Poland China sow at Iowa fair.

1 and 4, Emery Riemenschneider; 2, Einfeldt; 3, McGraw; 5, Putney. Junior spring (22 shown)—1, Clinton; 2, Model Farm; 3, Emery Riemenschneider; 4, Fischer; 5, Lang. Senior champion sow—Kleemeier on Idea Model Diana 1st (aged); reserve, Lettow Bros. on Paramount Lady 1st (aged). Junior champion sow—Model Farm on Miss Model Delux (fall); reserve on Miss Model Delux 1st (fall). Grand champion sow—Kleemeier on Idea Model Diana 1st; reserve, Model Farm on Miss Model Delux.

Groups: Young herd (19 shown)—1, Model Farm; 2, Clinton; 3, Emery Riemenschneider; 4, Fischer; 5, Weitz. Get of sire (21 shown)—1, Model Farm; 2, Lettow Bros.; 3, Einfeldt; 4, Emery Riemenschneider; 5, Fischer. Produce of dam (22 shown)—1, Einfeldt; 2, Carl Lettow; 3, Weitz; 4, McGraw; 5, Fischer. Breeder-feeder litter (11 shown)—1, Emery Riemenschneider; 2, McGraw; 3, Lang; 4, Lettow Bros.; 5, W. F. Short, Jr.

TAMWORTHS

Judge: E. L. Qualfe, Ames, Iowa.

Exhibitors: Baker & Clark, Colfax, Iowa; Harold Eckerman, Davenport, Iowa; Leo Gannon, Mingo, Iowa; J. H. Jones, Ainsworth, Iowa; Walter Kruse, Sheldon, Iowa; Lewis Murphy, Pike, Iowa.

Boars: Aged (2 shown)—1, Kruse; 2, Jones. Senior yearlings (none shown). Junior yearlings (3 shown)—1, Kruse; 2, Eckerman; 3, Jones. Fall (4 shown)—1 and 3, Jones; 2, Eckerman. Senior spring (4 shown)—1 and 2, Eckerman; 3, Jones. Junior spring (4 shown)—1, Jones; 2 and 3, Eckerman. Senior champion boar—Kruse on Sunny Lane Jerry 2d. (junior yearling); reserve, Eckerman on Red Colonel (junior yearling). Junior champion boar—Eckerman on Golden Rod's Jim VI (senior spring); reserve, Jones on John L. (junior spring). Grand champion boar—Kruse on Sunny Lane Jerry 2d; reserve, Eckerman on Red Colonel.

Sows: Aged (4 shown)—1 and 2, Eckerman; 3, Kruse. Senior yearlings (2 shown)—1, Kruse; 2, Baker & Clark. Junior yearlings (6 shown)—1, Eckerman; 2, Kruse; 3, Jones. Fall (7 shown)—1 and 2, Jones; 3, Kruse. Senior spring (4 shown)—1 and 3, Eckerman; 2, Jones. Junior spring (4 shown)—1 and 2, Eckerman; 3, Jones. Senior champion sow—Eckerman on Golden Rod's Queen II (aged); reserve, Eckerman on Golden Rod's Sheba (aged). Junior champion sow—Jones on J's Floss 1st (fall); reserve, Eckerman on Golden Rod's Rosalie IV (junior spring). Grand champion sow—Eckerman on Golden Rod's Queen II; reserve, Eckerman on Golden Rod's Sheba.

Groups: Young herd (3 shown)—1 and 3, Eckerman; 2, Jones. Get of sire (3 shown)—1 and 2, Eckerman; 3, Jones. Produce of dam (2 shown)—1 and 2, Eckerman. Breeder-feeder litter (1 shown)—1, Eckerman.

HEREFORDS

Judge: A. L. Anderson, Ames, Iowa.

Exhibitors: A. W. Bates, Lacona, Iowa; Daryl Bates, Lacona, Iowa; Wendell Butler, Lacona, Iowa; Janice Clark, Lacona, Iowa; Joanne Clark, Lacona, Iowa; D. P. Farrell, Buckingham, Iowa; Glen Dale Farms, Sioux City, Iowa; Margaret & Elmer Hatten, Marshalltown, Iowa; Harold Henderson, Winterset, Iowa; H. A. Leonard, Lacona, Iowa; Bert F. Lyon, Sac City, Iowa; Russell Price, Laurel, Iowa; Eddy Saylor, Osceola, Iowa; Sellers Bros., Charlton, Iowa; Donald Stanley, Lacona, Iowa.

Bears: Aged (1 shown)—1, Lyon; 2, Hatten. Senior yearlings (2 shown)—1, Farrell; 2, Glen Dale. Junior yearlings (1 shown)—1, Hatten. Fall (8 shown)—1, Butler; 2, Leonard; 3, Hatten. Senior spring (14 shown)—1, Hatten; 2, Saylor; 3, Sellers. Junior spring (12 shown)—1 and 3, Sellers; 2, A. W. Bates. Senior champion boar—Farrell on Farrell's Prize Goods (senior yearling); reserve, Lyon on Proof Positive (aged). Junior champion boar—Butler on Blocky Security IV (fall); reserve, Sellers on Prince of Wolf Creek 5th (junior spring). Grand champion boar—Farrell on Farrell's Prize Goods; reserve, Lyon on Proof Positive.

Sows: Aged (2 shown)—1, Glen Dale; 2, Lyon. Senior yearlings (1 shown)—1, Lyon. Junior yearlings (5 shown)—1, Hatten; 2, Glen Dale; 3, Lyon. Fall (9 shown)—1 and 2, Sellers; 3, Hatten. Senior spring (18 shown)—1, Sellers; 2, Saylor; 3, Hatten. Junior spring (14 shown)—1, Sellers; 2, Butler; 3, Hatten. Senior champion sow—Lyon on Miss New Look (senior yearling); reserve, Hatten on Rosella (junior yearling). Junior champion sow—Sellers on Miss Moderation II (senior spring); reserve, Saylor on Sharon (senior spring). Grand champion sow—Lyon on Miss New Look; reserve, Hatten on Rosella.

Groups: Young herd (9 shown)—1, Sellers; 2, Hatten; 3, Lyon. Get of sire (10 shown)—1, Sellers; 2, Hatten; 3, Lyon. Produce of dam (10 shown)—1, Hatten; 2, Sellers; 3, Lyon. Breeder-feeder litter (6 shown)—1, Sellers; 2, Henderson; 3, Lyon.

Market Barrows

Judges: Allen Nash, Cedar Rapids, Iowa; H. M. Menough, Grimes, Iowa; A. L. Anderson, Ames, Iowa.

Poland Chinas: Barrows under 210 (16 shown)—1, Edward Forest & Sons, Mt. Vernon; 2, Brown & Brown, Hampton; 3, James Barnes, Brighton; 4, Carl Hirsch, Indianola; 5, Leo Hay, Assumosa. Barrows, 210 to 270 (13 shown)—1 and 4, Edward Forest & Sons; 2, Brown & Brown; 3, Leo Hay; 5, Andy Vogts, West Union. Champion barrow—Edward Forest & Sons (light). Pens, under 210 (7 shown)—1, Brown & Brown; 2, Carl Hirsch; 3, Edward Forest & Sons; 4, Leo Hay; 5, LeRoy Watts, Clarion. Pens, 210 to 270 (3 shown)—1, Edward Forest & Sons; 2, Andy Vogts; 3, Richard Maier, Eagle Grove. Champion pen—Brown & Brown (light).

Duroes: Barrows, under 210 (34 shown)—1, Joe Duea, Belmond; 2, J. B. Caputo & Roy Vanderplough, Granger; 3, Capper & Grove, Elgin; 4, S. C. Schrage, Eagle Grove; 5, W. H. Heimke & Sons, Renwick. Barrows, 210 to 270 (22 shown)—1, Harold Timm, Muscatine; 2, Lowell Harper, Ames; 3, Caputo & Vanderplough; 4, Capper & Grove; 5, Stanley Rich, New Providence. Champion barrow—Joe Duea (light). Pens, under 210 (16 shown)—1, Joe Duea; 2, Caputo & Vanderplough; 3, Irvin Maulsby & Son, Rockwell City; 4, Warrick Bros., Prairie City; 5, Lowell Harper. Pens, 210 to 270 (7 shown)—1 and 3, Caputo & Vanderplough; 2, Harold Timm; 4, Warrick Bros.; 5, Irvin Maulsby & Sons. Champion pen—Joe Duea (light).

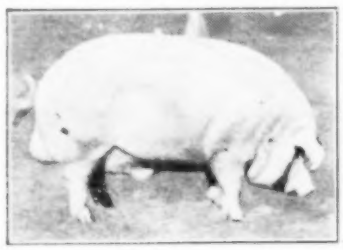
Chester Whites: Barrows, under 210 (20 shown)—1, Roger Faulkner, Eagle Grove; 2 and 5, C. T. Keen & Sons, Marshalltown; 3, Don Williamson, Eagle Grove; 4, Bernard Maier, Eagle Grove. Barrows, 210 to 270 (7 shown)—1 and 2, C. T. Keen & Sons; 3 and 5, R. E. Williams & Sons, Iowa City; 4, Don Williamson. Champion barrow—Roger Faulkner (light). Pens, under 210 (7 shown)—1, C. T. Keen & Sons; 2, Roger Faulkner; 3, Just-A-Mere Farm, Blanchard; 4, Glenn & Melvin Smith, Indianola; 5, E. L. Enyart & Sons, Prairie City. Pens, 210 to 270 (2 shown)—1, C. T. Keen & Sons; 2, R. E. Williams & Sons. Champion pen—C. T. Keen & Sons (light).

Spotted Poland Chinas: Barrows, under 210 (15 shown)—1, A. J. Anderson & Sons, Kellogg; 2 and 4, Earl Kellogg & Sons, Winfield; 3, I. C. Lister, Bloomfield; 5, Glen Wilson, Eagle Grove. Barrows, 210 to 270 (4 shown)—1 and 2, I. C. Lister; 3 and 4, Earl Kellogg & Sons. Champion barrow—A. J. Anderson & Sons (light). Pens, under 210 (6 shown)—1, A. J. Anderson & Sons; 2, I. C. Lister; 3, Earl Kellogg & Sons; 4, Glen Wilson; 5, Paul Mokelbust, Eagle Grove. Pens, 210 to 270 (2 shown)—1, I. C. Lister; 2, Earl Kellogg & Sons. Champion pen—A. J. Anderson (light).

Hampshires: Barrows, under 210 (1 shown)—1, Henderson Farm, Coin; 2 and 4, Frantz Bros., Grand Junction; 3, Dale McGraw, Pleasantville; 5, Allen Lang & Son, Brooklyn. Barrows, 210 to 270 (12 shown)—1, Henderson Farm; 2, John Soorholtz, Melbourne; 3 and 4, Frantz Bros.; 5, Lorin Oxley, West Liberty. Champion barrow — Henderson Farm (light). Pens, under 210 (7 shown)—1, Henderson Farm; 2, Frantz Bros.; 3, Allen Lang & Son; 4, Dale McGraw; 5, Richard Maier, Eagle Grove. Pens, 210 to 270 (6 shown)—1, Henderson Farm; 2, Frantz Bros.; 3, John Soorholtz; 4, Lorin Oxley; 5, Shirley Short, Redfield. Champion pen—Henderson Farm (light).

Berkshires: Barrows, under 210 (18 shown)—1, Clarence Cannon, West Union; 2 and 3, LeRoy & Bob Faint, Hayesbek; 4, Bonnie Acres Farm, Holstein; 5, Milford Schultz, West Union. Barrows, 210 to 270 (13 shown)—1 and 2, LeRoy & Bob Faint; 3, Alex Conover, Holstein; 4 and 5, William Wilkining, Collins. Champion pen—Clarence Cannon (light). Pens, under 210 (10 shown)—1, LeRoy & Bob Faint; 2, Clarence Cannon; 3, Milford Schultz; 4, Eugene Fitz, Melbourne; 5, Bonnie Acres Farm. Pens, 210 to 270 (4 shown)—1, William Wilkining; 2, Alex Conover; 3, W. H. Zelsneiss & Son, Colo;

Reserve grand champion Spotted Poland China sow at Iowa State Fair was The Duchess, shown by R. W. Hansell & Son, Indianola, Iowa.



Promoter's Echo, senior spring boar shown by Harold Miller, of Janesville Iowa, was judged the Iowa fair's junior champion Chester White.

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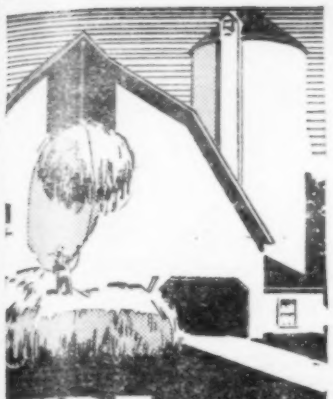

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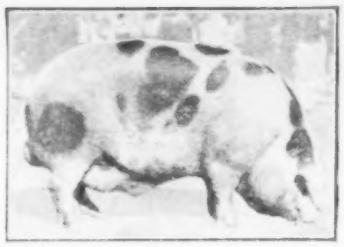

Senior and grand champion Spotted Poland China boar at Iowa fair, Namesake King I, came from the herd of H. E. Cerny & Son, Dorchester, Neb.

Justifier, a senior spring boar, won the Poland China reserve grand championship honors at Iowa State Fair for J. D. Dodder, Letts, Iowa.

4, E. O. Herbold, Colfax. Champion pen—LeRoy & Bob Faint (light).

Herefords: Barrows, under 210 (3 shown) — 1 and 2, Harold Henderson, Wiota; 3, Sellers Bros., Chariton. Barrows, 210 to 270 (3 shown)—1 and 2, Sellers Bros.; 3, Harold Henderson. Champion barrow — Harold Henderson (light). Pens, under 210 (2 shown)—1, Harold Henderson; 2, Floyd Strupp, Sigourney. Pens, 210 to 270 (1 shown)—Sellers Bros. Champion pen — Harold Henderson (light).

Crossbreds or Grades: Barrows, under 210 (24 shown)—1, Jim & Jerry Spellman, Woodward; 2, James Anderson, Eagle Grove; 3 and 4, Orin Halgrim, Eagle Grove; 5, Henderson Farm, Coin. Barrows, 210 to 270 (7 shown)—1 and 2, Henderson Farm; 3, John Van Zomeren, Pella; 4, Donald Roseland, Gilman; 5, Jerry Spangler, Eagle Grove. Champion barrow—Jim & Jerry Spellman (light). Pens, under 210 (7 shown)—1, Orin Halgrim; 2, Jim & Jerry Spellman; 3, Henderson Farm; 4, James Anderson; 5, Kermit Hougen, Radcliffe. Pens, 210 to 270 (3 shown)—1, Henderson Farm; 2, Donald Roseland; 3, Kermit Hougen. Champion pen—Orin Halgrim (light).

Champions: Champion barrow, under 210—Henderson Farm, Coin (Hampshire); reserve, Edward Forest & Sons, Mt. Vernon (Poland China). Champion barrow, 210 to 270—Edward Forest & Sons (Poland China); reserve, Henderson Farm (crossbred). Grand champion barrow—Henderson Farm (light Hampshire); reserve, Edward Forest & Sons (light Poland China). Champion pen, under 210—C. T. Keen & Sons, Marshalltown (Chester Whites); reserve, Brown & Brown, Hampton (Poland Chinas). Champion pen, 210 to 270—C. T. Keen & Sons (Chester Whites); reserve, Edward Forest & Sons (Poland Chinas). Grand champion pen—C. T. Keen & Sons (light Chester Whites); reserve, Brown & Brown, (light Poland Chinas).

Sheep

Judges: E. H. Rotter, West Point, Iowa (Shropshires, Hampshires, Oxfords); Don Pullin, Waterloo, Iowa (Cheviots); W. F. LaGrange, Ames, Iowa (Corriedales, Suffolks, Southdowns); C. W. McDonald, Ames, Iowa, Walter Humphrey, Omaha, Neb., and Bart Nelson, Des Moines, Iowa (fat lambs).

Shropshires: Champion ram—Everett Glasgow, Monticello, Ill.; reserve, Glasgow. Champion ewe—O. W. Brown, Plainfield, Ind.; reserve, Glasgow.

Hampshires: Champion ram — V. B. Vandiver & Sons, Leonard, Mo.; reserve, R. E. Pullin's Sons, Waterloo, Iowa. Champion ewe—Pullin's; reserve, Pullin's.

Corriedales: Champion ram — Rose Lawn Farm, Dumont, Iowa; reserve, Rose Lawn. Champion ewe—Rose Lawn; reserve, Ken Ru Farms, West Liberty.

Oxfords: All champions—R. E. Pullin's Sons, Waterloo, Iowa.

Cheviots: Champion ram — Gil-Bar Farms, Janesville, Wis.; reserve, Paul Harris, Mystic, Iowa. Champion ewe—A. R. Minish & Son, Central City, Iowa; reserve, Gil-Bar.

Southdowns: Champion ram — Doak Bros., Hallsville, Mo.; reserve, V. B. Vandiver & Sons, Leonard, Mo. Champion ewe—Vandiver; reserve, Kent Seely, Algona, Iowa.

Suffolks: All champions—Max Brownellier, Rose Hill, Iowa.

Horses

Percherons: Grand champion stallion—I. H. Laverty, Indianola, Iowa; reserve, Earl Paul, Osceola, Iowa. Grand champion mare—Paul; reserve, Laverty.

Belgians: Grand champion stallion—Herbert Schneckloth & Son, Davenport, Iowa; reserve, C. V. Babcock & Sons, Galva, Iowa. Grand champion mare—Babcock; reserve, Schneckloth.

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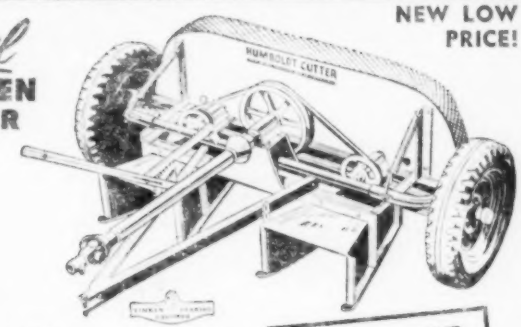

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Whether you are a grain farmer or a livestock man. Grain in the bin is like money in the bank. It's protection against possible short crops in years ahead. Page 12.

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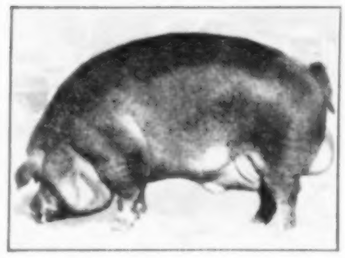
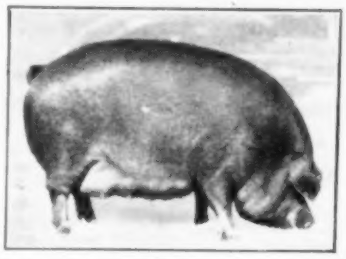


Elmer Willey, of Vincent, Iowa, showed his senior yearling, Top's Trademark, to Duroc reserve grand championship at 1949 Iowa fair.



Grand champion Duroc sow at Iowa State Fair was Proud Fancy, fine senior yearling exhibited by Gregor Vaske & Sons, Dyersville, Iowa.

—Clyde Valley Farm, Palo, Iowa; reserve, L. C. Tice & Son, Searsboro, Iowa. Grand champion mare—Bennett Bedell, Cedar Rapids, Iowa; reserve, J. H. Brown & Son, Earlham, Iowa.

Draft Geldings and Mares: Champion—E. J. Fevold & Sons, Humboldt, Iowa.

Mules: Champion — E. D. Frazier & Sons, Drexel, Mo.

Shetland Ponies: Grand champion stallion—Dor-Lin Pony Farm, Reedsburg, Wis.; reserve, Mrs. Volney Diltz, Des Moines, Iowa. Grand champion mare—Wayne, Munn, Janesville, Wis.; reserve, H. P. Kilkelly & Sons, Cuba City, Wis.

Team-Pulling Contest: Light—1, Morgan & Watson, Mt. Ayr, Iowa; 2, Homer Warner, Clarinda, Iowa; 3, Fetters & Mitchell, Russell, Iowa. Medium—1, Virgil Barnes, Blakesburg, Iowa; 2, Mike Dugan, Colo, Iowa; 3, Clint Harrison, Maxwell, Iowa. Heavy—1, Buffington & Buschbom, Colo, Iowa; 2, G. G. Tuttle, Chariton, Iowa; 3, Walter Spears, Delta, Iowa.

4-H Breeding Pigs

Judges: Leon Frantz Grand Junction, Iowa, and Beryl Keen, Legrand, Iowa.

Poland Chinas: Boars (?1 shown)—1, Betty Clark, Scott county; 2, Bob Christensen, Page; 3, James Barnes, Washington. Gilts (22 shown)—1 and 3, Vivian Clark, Scott; 2, Betty Clark, Scott. Litters (11 shown)—1, Vivian Clark, Scott; 2, Betty Clark, Scott; 3, James Barnes, Washington.

Durocs: Senior boars (18 shown)—1, Ralph Knotek, Washington county; 2, Maurice White, Wright; 3, Darwin Buzzell, Boone. Senior gilts (32 shown)—1 and 2, Sanford Duea, Story; 3, Charles Barthalow, Washington. Senior litters (16 shown)—1, Sanford Duea, Story; 2, Charles Barthalow, Washington; 3, Darwin Buzzell, Boone. Junior boars (8 shown)—1, Ronald Hanson, Hamilton; 2, Tom Manning, Dallas; 3, J. Heffelfinger, Washington. Junior gilts (12 shown)—1, Ralph Knotek, Washington; 2, Clair Buzzell, Boone; 3, Richard Harter, Jasper. Junior litters (8 shown)—1, Ralph Knotek, Washington; 2, Clair Buzzell, Boone; 3, Ronald Hansen, Hamilton.

Chester Whites: Boars (13 shown)—1, Harold Miller, Black Hawk county; 2, David Jones, Page; 3, Charles Harrington, Clinton. Gilts (22 shown)—1, David Jones, Page; 2, Dale Meyer, Clinton; 3, Charles Harrington, Clinton. Litters (8 shown)—1, David Jones, Page; 2, Dale Meyer, Clinton; 3, Harold Miller, Black Hawk.

Spotted Poland Chinas: Boars (13 shown)—1, Ernest Eysink, Jasper county; 2, Earl Bell, Page; 3, Vernon Irlbeck, Carroll. Gilts (21 shown)—1 and 2, Robert Fitzgerald, Jasper; 3, Richard Fitzgerald, Jasper. Litters (11 shown)—1, Franklin Barr, Jasper; 2, Richard Fitzgerald, Jasper; 3, Vernon Irlbeck, Carroll.

Hampshires: Boars (11 shown)—1, John Soorholtz, Marshall county; 2, James Lettow, Hardin; 3, Joe Cooper, Linn. Gilts (20 shown)—1, John Soorholtz, Marshall; 2, W. F. Short, Jr., Dallas; 3, Robert Einfeldt, Muscatine. Litters (9 shown)—1, John Soorholtz, Marshall; 2, James Lettow, Hardin; 3, Robert Einfeldt, Muscatine.

Berkshires: Boars (4 shown) — 1, LaVonne Welter, Chickasaw county 2, Annette Fitz, Marshall; 3, Bob Stapes, Dallas. Gilts (6 shown)—1 and 3, Annette Fitz, Marshall; 2, LaVonne Welter, Chickasaw. Litters (3 shown)—1, Annette Fitz, Marshall; 2, LaVonne Welter, Chickasaw; 3, Bob Stapes, Dallas.

Herefords: Boars (5 shown)—1, Daryl Bates, Warren county; 2, Donald Knepp, Johnson; 3, Janice Clark, Warren. Gilts (12 shown)—1, Donald Stanley, Warren; 2, Janice Clark, Warren; 3, Joanne Clark, Warren. Litters (5 shown) — 1, Daryl Bates, Warren; 2, Donald Knepp, Johnson; 3, Janice Clark, Warren.

County Groups: Polands (1 shown)—1, Page. Durocs (3 shown)—1, Washington; 2, Jasper; 3, Dallas. Chesters (1 shown)—1, Clinton. Spotted Polands (1 shown)—1, Jasper. Hampshires (1 shown)—1, Muscatine.

4-H Market Pigs

Judges: Harold Stone, Waterloo, Iowa; Robert Gadd, Ft. Dodge, Iowa; A. L. Stuart, Newhall, Iowa.

Poland Chinas: Market pigs (14 shown)—1, Blue ribbons, LeRoy Watts, Wright county (2); James Barnes, Washington; Lyle Johnson, Muscatine; Earl Oelerich, Scott; Leland Watts, Wright. Champion—Leland Watts, Wright; reserve, James Barnes, Washington. Pens (5 shown)—1, LeRoy Watts, Wright; 2, Galen Helgens, Jones; 3, Roger McLain, Poweshiek.

Durocs: Market pigs (18 shown)—Blue ribbons, Gerold Bolt, Boone county (2); Ralph Knotek, Washington (2); Gilbert Cooksley, Delaware; Dale Krieger, Dallas; Robert Meckley, Jasper; Rolland Paul, Dallas; Chadwick Ver Ploeg, Jasper. Champion—Robert Meckley, Jasper; reserve, Dale Krieger, Dallas. Pens (12 shown)—1, Dale Krieger, Dallas; 2, Robert Meckley, Jasper; 3, Jay Paul, Dallas.

Chester Whites: Market pigs (10 shown)—Blue ribbons, John Van Zomeren, Marion county (2); Gordon Enyart, Jasper; David Jones, Page; Eugene Ressler, Johnson. Champion — Eugene Ressler, Johnson; reserve, Gordon Enyart, Jasper. Pens (6 shown)—1, Eugene Ressler, Johnson; 2 and 3, John Van Zomeren, Marion.

Spotted Poland Chinas: Market pigs (6 shown)—Blue ribbons, Richard Thompson, Boone county (2); Harold Churchill, Jasper. Champion and reserve — Richard Thompson, Boone. Pens (2 shown)—1, Richard Thompson, Boone; 2, Ernest Eysink, Jasper.

Hampshires: Market pigs (24 shown)—Blue ribbons, Raymond James, Page county (2); Tom Livengood, Page (2); David Williams, Page (2); Lowell Lanman, Page; Shirley Short, Dallas John Soorholtz, Marshall Jim & Jerry Spellman, Dallas. Champion — Jim & Jerry Spellman, Dallas; reserve, Raymond James, Page. Pens (15 shown)—1, Jim & Jerry Spellman, Dallas; 2, Raymond James, Page; 3, Shirley Short, Dallas.

Berkshires: Market pigs (4 shown)—Blue ribbons, Jerry Cocking, Polk county (2); Larry Herbold, Jasper (2). Champion and reserve—Larry Herbold, Jasper. Pens (3 shown)—1 and 2, Larry Herbold, Jasper; 3, Jerry Cocking, Polk.

Herefords: Market pigs (2 shown)—Blue ribbons, Roger Thornton, Jasper county (2). Champion and reserve, Roger Thornton, Jasper. Pens (1 shown)—1, Roger Thornton, Jasper.

Other Breeds or Crossbreds: Market pigs (6 shown) — Blue ribbons, Gene Meckley, Jasper county (2); Donald Roseland, Marshall (2). Champion — Donald Roseland, Marshall; reserve, Gene Meckley, Jasper. Pens (4 shown)—1, Donald Roseland, Marshall; 2, Gene Meckley, Jasper; 3, Glenn Berrey, Marshall.

Market Litters (13 shown): 1, LeRoy Watts, Wright county; 2, Shirley Short, Dallas; 3, Bob Molison, Poweshiek.

County Groups: (4 shown): 1, Page; 2, Dallas; 3, Jasper.

Grand Champion Market Pig: Jim & Jerry Spellman, Dallas county (Hampshire); reserve, LeRoy Watts, Wright (Poland China).

Champion Pen: LeRoy Watts, Wright county (Poland Chinas); reserve, Jim & Jerry Spellman, Dallas (Hampshires).

Champion Showman: Harlan Hirsch, Warren county; reserve, Ralph Knotek, Washington.

Best 4-H Judges

Boone county took both team and individual honors in the 4-H livestock judging contest at the 1949 Iowa State Fair. Boone's three-man team of Robert Edson, Clair Hein and Richard Thompson did the best job of placing dairy and beef cattle, barrows and fat lambs, and horses.

Marshall county's William Metge, Robert Smith and LaVern German placed second. The Greene county team—Tom Fisher, Bill Lawton and Carl Watson—was third.

Boone's Dick Thompson had the best individual score. Jim Frier, of Grundy, was second, and Bill Lawton, of Greene, third.

FFA Breeding Pigs

Quality of the FFA breding swine show at the 1949 Iowa State Fair was shown when several FFA winners took their entries into open competition and copped ribbons. Among those who went on to place in the open show were Stanley Rash, of New Providence (Durocs), and Eddy Saylor, of Osceola (Herefords).

FFA swine show winners were as follows:

Judges: Leon Frantz, Grand Junction Iowa, and Beryl Keen, Legrand, Iowa.

Poland Chinas: Boars (6 shown)—1, Bill Snook, Shenandoah; 2, Richard Stilson, Hampton; 3, Wilmer Mooney, Sac City. Gilts (14 shown)—1, Richard Stilson, Hampton; 2, Ronald Mooney, Sac City; 3, Richard Bahr, Iowa Falls. Litters (6 shown)—1, Richard Stilson, Hampton; 2, Bill Snook, Shenandoah; 3, Richard Bahr, Iowa Falls.

Durocs: Boars (17 shown)—1, Stanley Rash, New Providence; 2, Byron Clark, Iowa Falls; 3, Willis Harms, Monticello. Gilts (17 shown)—1, Stanley Rash, New Providence; 2, Tom Macomber, Monticello; 3, Stanley Sorensen, Algona. Litters (13 shown)—1, Stanley Rash, New Providence; 2, Byron Clark, Iowa Falls; 3, Tom Macomber, Monticello.

Chester Whites: Boars (10 shown)—1, Karl Baldner, Dallas Center; 2, Ronald Kellogg, Gilbert; 3, Neil Jorgenson, Gilbert. Gilts (17 shown)—1, Karl Baldner, Dallas Center; 2 and 3, Charles Steinfeldt, Eldora. Litters (7 shown)—1, Ronald Kellogg, Gilbert; 2, Paul Eness, Gilbert; 3, Marion Reed, Osceola.

Spotted Poland Chinas: Boars (5 shown) — 1, Richard DeMoss, Gilbert; 2, Ronald Kellogg, Gilbert; 3, Dwight Dreyer, Hampton. Gilts (9 shown)—1, Richard De Moss, Gilbert; 2 and 3, Ronald Kellogg, Gilbert. Litters (4 shown)—1, Richard DeMoss, Gilbert; 2, Ronald Kellogg, Gilbert; 3, Dwight Dreyer, Hampton.

Hampshires: Boars (5 shown)—1, James Jorgensen, Hampton; 2, Duane Haley, Sac City; 3, Ronald Wulff, Charles City. Gilts (9 shown)—1, Ronald Wulff, Charles City; 2 and 3, Duane Haley, Sac City. Litters (4 shown)—1, James Jorgensen, Hampton; 2, Duane Haley, Sac City; 3, Ronald Wulff, Charles City.

Berkshires: Boars (3 shown)—1, Lester Orr, West Liberty; 2, Jim Frier, Reinbeck; 3, Joe Pitsor, Hampton. Gilts (8 shown)—1 and 3, Clarence Cannon, West Union; 2, Lester Orr, West Liberty. Litters (1 shown)—1, Lester Orr, West Liberty.

Herefords: Boars (1 shown)—1,

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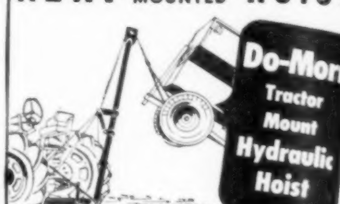

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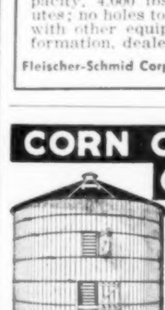

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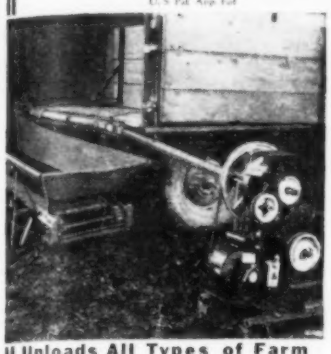

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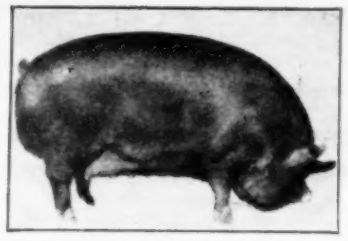

Ford-Del Rosalind, junior yearling from Tom Conover's Bonnie Acres Farm, Holstein, Iowa, was State Fair's reserve champion Berkshire sow.

Hartman Coffin, Zearing, Iowa, was represented in Berkshire winnings at 1949 Iowa fair by his junior champion sow, Maplewood Rocketetta.

Eddy Saylor, Osceola. Gilts (4 shown)—1 and 2, Eddy Saylor, Osceola; 3, Floyd Strump, Sigourney. Litters (1 shown)—1, Eddy Saylor, Osceola.

FFA Market Pigs

As usual, entries were heavy and competition keen in the FFA market pig show at the 1949 Iowa State Fair. Big winner among the FFA barrow showmen was Roger Faulkner, of Eagle Grove. After taking the FFA grand championship with his lightweight Chester White, Roger went on to take the Chester championship in open competition.

FFA market pig winners follow:

Judges: John Rater, Ottumwa, Iowa; H. C. Timm, Muscatine, Iowa; R. R. Hunt, Des Moines, Iowa.

Poland Chinas: Market pigs (23 shown)—Blue ribbons, Niel Cook, West Union (2); Richard Halstead, West Union (2); Dick Maier, Eagle Grove (2); Donald Vogts, West Union (2); John Halstead, West Union; James Spangler, Eagle Grove. Champion—John Halstead, West Union. Pens (12 shown)—1, Richard Halstead, West Union; 2, Donald Vogts, West Union; 3, John Halstead, West Union.

Duroes: Market pigs (31 shown)—Blue ribbons, Derald Halverson, West Union (2); Rolland Bros., Eagle Grove (2); Raymond Adams, Eagle Grove; Donald Koester, West Union; Donald Meyer, Hampton; Jerry Pettibone, Moravia; Stanley Rash, New Providence. Champion—Donald Meyer, Hampton. Pens (16 shown) — 1, Donald Meyer, Hampton; 2, Derald Halverson, West Union; 3, Richard Keen, Eagle Grove.

Chester Whites: Market pigs (15 shown)—Blue ribbons, James Anderson, Eagle Grove (2); Roger Faulkner, Eagle Grove (2); John Halstead, West Union; Ben Kelly, Dallas Center; Bernard Maier, Eagle Grove; Alvin Simons, Hampton; Don Williamson, Eagle Grove; Earl Winter, West Union. Champion — Roger Faulkner, Eagle Grove. Pens (11 shown)—1, Roger Faulkner, Eagle Grove; 2, Don Williamson, Eagle Grove; 3, James Anderson, Eagle Grove.

Spotted Poland Chinas: Market pigs (17 shown)—Blue ribbons, Paul Mokelbust, Eagle Grove (2); Reed Craft, West Union; Glen Wilson, Eagle Grove. Champion—Paul Mokelbust, Eagle Grove. Pens (19 shown)—1, Paul Mokelbust, Eagle Grove; 2, Reed Craft, West Union; 3, Russell Lauer, West Union.

Hampshires: Market pigs (17 shown)—Blue ribbons, Orin Halgrim, Eagle Grove (2); Dick Maier, Eagle Grove (2); William Morrison, West Liberty (2); James Anderson, Eagle Grove; Duane Haley, Sac City; Ralph Haag, Muscatine; Bernard Maier, Eagle Grove; Neil Meyer, Elkader; Lee Pope, West Union. Champion — Orin Halgrim, Eagle Grove. Pens (11 shown)—1 and 2, Orin Halgrim, Eagle Grove; 3, Dick Maier, Eagle Grove.

Berkshires: Market pigs (9 shown)—Blue ribbons, Clarence Cannon, West Union (2); Wayne Grimes, West Union (2); Milfred Schultz, West Union (2); Lester Ore, West Liberty. Champion—Clarence Cannon, West Union. Pens (6 shown) — 1, Clarence Cannon, West Union; 2 and 3, Milfred Schultz, West Union.

Other Breeds or Crossbreds: Market pigs (8 shown)—Blue ribbons, none. Pens (4 shown)—1, Floyd Strupp, Sigourney; 2, Eddy Saylor, Osceola; 3, Robert Bruns, Hampton.

School Groups (6 shown): 1 and 3, Eagle Grove; 2, West Union.

Market Litters (13 shown): 1, Roger Faulkner, Eagle Grove; 2, Milfred Schultz, West Union; 3, Dick Maier, Eagle Grove.

Grand Champion Market Pig: Roger Faulkner, Eagle Grove (Chester White); reserve, Orin Halgrim, Eagle Grove (Hampshire).

Champion Pen: Richard Halstead, West Union (Polands); reserve, Clarence Cannon, West Union (Berkshires).

4-H Baby Beeves

Judges: Sam Martin, Washington Court House, Ohio (Herefords); Alex Edgar, Urbana, Ill. (Shorthorns); J. C. Holbert, Washington, Iowa (Angus); P. S. Shearer, Ames, Iowa, and R. E. O'Connell, Ottumwa, Iowa (mixed groups and champions).

Herefords: Lightweights (25 shown)—1, Winona Jones, Decatur county; 2, Jerrald Gaffney, Davis; 3, Carol Swanson, Clinton. Light-medium weights (28 shown)—1, Floyd Huston, Marshall; 2, Willis Glenn, Jones; 3, Thomas Denny, Mahaska. Mediumweights (25 shown)—1, Gary Winans, Muscatine; 2, Richard Fincham, Story; 3, Virgil Kozik, Benton. Light-heavyweights (24 shown)—1, Dale Seebach, Tama; 2, Robert Greene, Louisa; 3, Donald Altheide, Davis. Heavyweights (21 shown)—1, Dean Robertson, Guthrie; 2, Richard Fincham, Story; 3, Marybelle Schomaker, Clay. Champion—Winona Jones, Decatur (lightweight); reserve, Dale Seebach, Tama (light-heavyweight).

Shorthorns: Lightweights (24 shown)—1, Eugene Slama, Webster county; 2, Joan Hillenan, Marshall; 3, Delmar Zinnel, Calhoun. Medium weights (24 shown)—1, Ross Christensen, Hamilton; 2, Roy Vander Wall, Mahaska; 3, Bernard Larson, Webster. Heavyweights (25 shown)—1, Eden Erickson, Hancock; 2, Clayton Jonnson, Page; 3, Richard Gerke, Grundy. Champion—Ross Christensen, Hamilton (mediumweight); reserve, Eugene Slama Webster (lightweight).

Aberdeen Angus: Lightweights (31 shown)—1, Harley Stagg, Muscatine county; 2, Robert Lace, Clarke; 3, Francis Blasl, Davis. Light-medium weights (25 shown)—1, Glen Mommsen, Clinton; 2, Dick Frenzle, Tama; 3, Martha Jane Brown, Jefferson. Medium weights (28 shown)—1, Stuart Stotts, Hamilton; 2, Lee Bell, Scott; 3, Anita Mann, Marshall. Light-heavyweights (21 shown)—1, John Montgomery, Mahaska; 2, Glen Mommsen, Clinton; 3, Dwight Youngkin, Polk. Heavyweights (18 shown)—1, Robert Schmidt, Clinton; 2, Marvin Smith, Mahaska; 3, Larry Hansen, Plymouth. Champion — Glen Mommsen, Clinton (light-medium weight); reserve, Stuart Stotts, Hamilton (medium weight).

County Groups: Herefords (5 shown)—1, Marshall county; 2, Story; 3, Clinton. Shorthorns (2 shown)—1, Marshall; 2, Marion. Angus (6 shown)—1, Marshall; 2, Marion; 3, Muscatine. Mixed (17 shown)—1, Clinton; 2, Mahaska; 3, Jasper. Champion group—Marshall (Angus).

Producer of Former Club Heifers: Herefords (4 shown)—1, Robert Greene, Louisa county; 2, Richard Fitzgerald, Jasper; 3, Robert Fitzgerald, Jasper. Shorthorns (1 shown)—1, Robert Smith, Marshall. Angus (6 shown)—1, Robert Lace, Clarke; 2, Anita Mann, Marshall; 3, Donald Paasch, East Pottawattamie. Champion—Robert Lace, Clarke (Angus).

Grand Champion Baby Beef: Winona Jones, Decatur county (lightweight Hereford); reserve, Glen Mommsen, Clinton (light-medium weight Angus).

Champion Showman: Ronald Paasch, East Pottawattamie county; reserve, Dale Seebach, Tama.

Best Managed Exhibits: 1, Boone county; 2, Guthrie; 3, Mahaska.

It looks like great years ahead for the Iowa livestock industry. Because more and more Iowa 4-H Club members are working on purebred beef heifer projects.

Beef heifer entries at the 1949 Iowa State Fair showed a 16 per cent increase over 1948. This year, 158 purebred heifers met in the show ring. All classes—Shorthorn, Hereford and Angus—showed gains in numbers. Many of these registered heifers will become foundation stock for new Iowa purebred herds.

Winners in the 4-H beef heifer show follow:

4-H Beef Heifers

Judges: Sam Martin, Washington Court House, Ohio (Herefords); Alex Edgar, Urbana, Ill. (Shorthorns); J. C. Holbert, Washington, Iowa (Angus).

Herefords: Senior yearlings (32 shown)—1 and 2, Marcene Blaner, Union county; 3, LeRoy Williams, Marshall. Summer yearlings (22 shown)—1, Willis Glenn, Jones; 2, Richard Fitzgerald, Jasper; 3, Jim Hendrock, Clarke. Champion—Marcene Blaner, Union (junior yearling); reserve, Willis Glenn, Jones (summer yearling).

Shorthorns: Junior yearlings (21 shown)—1, Dean Saunders, Shelby county; 2, Wendell Johnson, Calhoun; 3, Eldean Erickson, Hancock. Summer yearlings (21 shown) — 1, Robert Breen, Marion; 2, Donald Bach, Page; 3, Dean Windom, Adams. Champion — Robert Breen, Marion (summer yearling); reserve, Dean Saunders, Shelby (junior yearling).

Aberdeen Angus: Junior yearlings (28 shown)—1, Rodney Williams, Greene county; 2, Betty Oster, Keokuk; 3, Dwight Antis, Greene. Summer yearlings (34 shown)—1, Donald Paasch, East Pottawattamie; 2, Robert Schmidt, Clinton; 3, Edna Spear, Warren. Champion—Donald Paasch, East Pottawattamie (summer yearling); reserve, Robert Schmidt, Clinton (summer yearling).

County Groups: Herefords (5 shown)—1, Marion county; 2, Marshall; 3, Louisa. Shorthorns (1 shown) — 1, Marion. Angus (5 shown)—1, Greene; 2, Warren; 3, Marion.

Produce of Former Club Heifers: Herefords (6 shown)—1, Ted Small, Louisa county; 2, Richard Fitzgerald, Jasper; 3, Carl Heaberlin, Marion. Shorthorns (4 shown) — 1, Donald Bach, Page; 2, Patricia Elibert, Boone; 3, Harlan Stratton, Story. Angus (7 shown) — 1, Rodney Williams, Greene; 2, Shirley Paasch, East Pottawattamie; 3, John Frimml, Benton.

Champion Showman: Rodney Williams, Greene county; reserve, Ralph Dyer, Marion.

Best Managed Exhibits: 1, Clarke county; 2, Boone; 3, Warren.

Win Beef Heifers

Registered beef heifers were awarded to three 4-H boys picked as champion beef club members at the 1949 Iowa State Fair. Winners were Donald Johnson, Johnson county (Shorthorn), Robert Greene, Louisa county (Hereford) and Robert Fickel, Jefferson county (Angus).

The three were selected as the State Fair baby beef or baby heifer exhibitors who had the best all-around records of 4-H Club leadership and accomplishment.

Each winner won a heifer of the same breed as he showed at the fair. The prize heifers were awarded jointly by the State Fair and by national and state breed associations.

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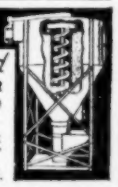

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A splendid offering selected with care from the best herds in the territory. The 11 bulls are most all ready for service, real prospects. The females include young cows with big lusty calves, some rebred, choice bred cows and heifers, and attractive open heifers. They are by great sires, and good dependable breeding families. The consignors are:

Couch, Albert E.	Baring, Mo.	Troth & Parrish	Memphis, Mo.
Daggs, J. Ed & Sons	Arbela, Mo.	Ogle, Ed & Son	Unionville, Mo.
Daggs, L. V. & Son	Cantril, Ia.	Waples, Glen	Alexandria, Mo.
Daggs, J. A.	Memphis, Mo.	Fowler, Maurice	Livonia, Mo.
Hocker, Floyd C.	Downing, Mo.	Woolever, R. L. & Son	Unionville, Mo.
Jarboe, Lawrence	Clarence, Mo.	Pollock, Don C.	Unionville, Mo.
Lane, Geo. A.	Worthington, Mo.	Rogers, Harold C.	Kirksville, Mo.
Moritz, Grover C.	Kirksville, Mo.	Rogers, Earl E.	Kirksville, Mo.
Van Meter, P. O. & Son	Queen City, Mo.	Williams & Collins	Unionville, Mo.
Tysor, Emerson	Unionville, Mo.	Dierks & Marlowe	Memphis, Mo.

Some of the finest herds of the breed are in this section. The blood lines are the popular families and the quality will appeal to the best cattlemen. A place to make selections that will please. Plan to come. Ask for FREE catalog. Kindly mention this publication. Address

W. R. DIERKS, Secretary, MEMPHIS, MISSOURI

Auctioneer, Roy Johnston M. W. Boney, Fieldman

THE IOWA JR. CHAMPION BOAR
Sells in Cedardell Farms' Annual

Chester White Sale

PROMOTER'S ECHO
1949 Iowa Jr. Champion

at the farm, 1 mile south, 1 mile east and ¾ mile south of

JANESVILLE, IOWA
SEPTEMBER 28, 1949
Night—8:00 P. M.

40 BOARS — 20 GILTS

Be sure and keep Cedardell Farms' "BRED TO PLEASE CHESTERS" in mind if you are looking for good breeding stock that will go ahead and produce for others. This good heavy boned, smooth, easy feeding, quality offering is mostly sired by **THE PROMOTER**, the sire of the Jr. Champion, the 2nd prize get of sire class at Iowa and many other winners. The young boar of the year, **Promoter's Echo**, sells! . . . as does the 1st prize 4-H boar and 2nd prize Jr. boar in the Iowa open class, the 1st place Jr. boar pig at the strong All Iowa Fair at Cedar Rapids, the 3rd prize 4-H litter, and many others that stood high at the top shows of the breed. Livestock farmers will find this offering to their liking as they will produce the kind that returns a profit in the feed lots. We would like for you to be with us on sale night; however, if you are unable to do so Maurice Boney of Wallaces' Farmer and Iowa Homestead will give your buying instruction careful attention. Remember—"A Pig from Cedardell Will Please You Well." Write today for your **FREE** catalog and kindly mention this paper.

HAROLD W. MILLER, Box 33, JANESVILLE, IA.

Auctioneer, C. G. Mason Maurice Boney, Fieldman

BACON TYPE HOG SALE

At the farm on U. S. Highway 218, ½ mile north of

MT. PLEASANT, IOWA, SEPTEMBER 20th

Sale starts at 1:00 P. M., under cover

6 INBRED WINTER BOARS
8 INBRED BRED SOWS
4 INBRED HERD BOARS
9 SINGLE CROSS
20 INBRED SPRING BOARS
6 INBRED SPRING GILTS
26 CROSSLINE GILTS

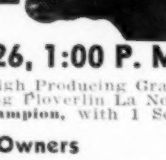
Inbred Minnesota No. 1's — Inbred Minnesota No. 2's
Montana No. 1's

This is a good, useful selection of BACON TYPE HOGS. Now is the time for all forward looking pork producers to become familiarized with the ultimate pork production program. Through inbreeding the desirable characteristics are intensified within the inbred, so that when it is crossed, all vigor, uniformity, and desirable characteristics within the inbred are released in its offspring. There lies the key to the amazing success of crossing with inbreds. Plan to attend. Write for **FREE** catalog. Kindly mention this publication. Address

McALLISTER SEED FARMS, MT. PLEASANT, IOWA

COMPLETE

GUERNSEY DISPERSAL



At Byercroft Farm, ½ mile southeast of

LOGAN, IOWA, MONDAY, SEPT. 26, 1:00 P. M.

35 HEAD—2 Herd Bulls, 5 Young Bulls, 18 Choice, High Producing Grade Cows and Heifers, plus 30 Registered Females, including Ploverlin La Noce Evening Star AR, **Three Times State Production Champion**, with 1 Son, 2 Daughters and 4 Granddaughters in the sale.

Henry H. Byers and Alvin H. Rath, Owners

For Catalogue, Write

MORT WOODS, Sales Mgr., ARDMORE, OKLA.

4-H Dairy Heifers

More than 200 entries in the Iowa State Fair 4-H dairy heifer show proved again that Iowa farm boys and girls are actively interested in the dairy business.

Entries in calf classes were especially strong. Judges faced tough jobs when they had to place calf classes numbering 23 Jerseys, 22 Guernseys and 21 Brown Swiss.

Winners in the 4-H dairy heifer show were as follows:

Judges: Arthur Porter and Floyd Arnold, Ames, Iowa.

Holsteins: Two-year-olds (5 shown)—1, Elmer Paper, Muscatine county; 2, Virgil Paper, Muscatine; 3, John Wetherbee, Marshall. Yearlings (14 shown)—1, John Wetherbee, Marshall; 2, Robert Edson, Boone; 3, Warren Smith, Poweshiek. Calves (17 shown)—1, Warren Smith, Poweshiek; 2, John Wetherbee, Marshall; 3, Virgil Paper, Muscatine. Champion — Warren Smith, Poweshiek (calf).

Jerseys: Two-year-olds (4 shown)—1, Ernest Thomas, Mahaska county; 2, Gene Snakenberg, Keokuk; 3, Dickie Grubb, Mahaska. Yearlings (14 shown)—1, Gary Armann, Polk; 2, Mary Jo Skala, Tama; 3, Nancy Lee Skala, Tama. Calves (23 shown)—1, Clair Gates, Cedar; 2, Gary Armann, Polk; 3, Gale Gates, Cedar. Champion—Clair Gates, Cedar (calf).

Guernseys: Two-year-olds (5 shown)—1, Marilyn Hutchcroft, Des Moines county; 2, Loren Vogt, Marshall; 3, LeRoy Woodruff, Warren. Yearlings (7 shown)—1, LeRoy Woodruff, Warren; 2, Dee Hansen, Jones; 3, Dorlis Good, Boone. Calves (22 shown)—1, Delmar Vos, Jasper; 2, Marilyn Hutchcroft, Des Moines; 3, Graydon Trible, Black Hawk. Champion—Delmar Vos, Jasper (calf).

Ayrshires: Two-year-olds (5 shown)—1, Jack Lang, Poweshiek county; 2, Jim Roskens, Dickinson; 3, Lester Wehrman, Marshall. Yearlings (8 shown)—1, Larry Sears, Poweshiek; 2, Don Funk, Black Hawk; 3, Larry Lang, Poweshiek. Calves (9 shown)—1, Larry Sears, Poweshiek; 2, Marvel Dunk, Washington; 3, Larry Lang, Poweshiek. Champion — Larry Sears, Poweshiek (yearling).

Brown Swiss: Two-year-olds (8 shown)—1, Raymond Vogler, Boone county; 2, Robert Schmidt, Scott; 3, David Diehl, Boone. Yearlings (19 shown)—1, Virginia Martin, Hardin; 2, Paaske Bros., Scott; 3, Barbara Jo Lee, Poweshiek. Calves (21 shown) — 1, Lane Holdcroft, Woodbury; 2, David Diehl, Boone; 3, Barbara Jo Lee, Poweshiek. Champion—Raymond Vogler, Boone (two-year-old).

Milking Shorthorns: Two-year-olds (5 shown)—1, Beverly McKee, Warren county; 2, Maurice Meyer, Clayton; 3, Rosemary Barnes, Mahaska. Yearlings (14 shown)—1 and 2, Beverly McKee, Warren; 3, Maurice Meyer, Clayton. Calves (13 shown) — 1, Beverly McKee, Warren; 2 and 3, Rosemary Barnes, Mahaska. Champion—Beverly McKee, Warren (yearling).

County Groups: Holsteins (1 shown)—1, Poweshiek county. Jerseys (3 shown)—1, Cedar; 2, Mahaska; 3, Polk. Guernseys (none shown). Ayrshires (1 shown)—1, Poweshiek. Brown Swiss (5 shown)—1, Boone; 2, Scott; 3, Hardin. Milking Shorthorns (2 shown)—1, Warren; 2, Emmet.

Champion Showman: Marilyn Hutchcroft, Des Moines county; reserve, John Wetherbee, Marshall.

Best Managed Exhibits: Tied for first, Boone, Tama, Wapello.

4-H Lambs

Judges: E. H. Rotter, West Point, Iowa (breeding lambs); L. M. Kyner, Waterloo, Iowa (fat lambs).

Shropshires: Rams (8 shown)—1, LaVonne Fitzgerald, Davis county 2 and 3, Danny Merrick, Appanoose. Ewes (8 shown)—1 and 3, LaVonne Fitzgerald, Davis 2, John Vriezelaar, Marion.

Hampshires: Rams (7 shown)—1, Clarence Meinecke, Greene county; 2, John Sayre, Warren; 3, Dennis Moore, Henry. Ewes (4 shown)—1 and 2, John Sayre, Warren 3, Clarence Meinecke, Greene.

Oxfords: Rams (2 shown)—1 and 2, Henry Siemers, Story county. Ewes (2 shown)—1 and 2, Henry Siemers, Story.

Corriedales: Rams (1 shown)—1, Alice Graham, Marshall county. Ewes (3 shown)—1 and 2, Raymond Graham, Marshall 3, Alice Graham, Marshall.

Southdowns: Rams (1 shown)—1, Jimmie Maxted, Mahaska county. Ewes (1 shown)—1, Jimmie Maxted, Mahaska.

Merinos: Rams (4 shown)—1 and 3, Larry Nixon, Van Buren county; 2, Patricia Nixon, Van Buren. Ewes (4 shown)—1 and 3, Patricia Nixon, Van Buren; 2, Larry Nixon, Van Buren.

Fat Lambs: Medium (16 shown)—Blue ribbons, James Bates, Henry county (2); Jimmie Maxted, Mahaska (2); Van McKibben, Marshall (2); Earl Herring, Lucas; Eugene Jaschke, Guthrie; Kenneth Payne, Madison; Keith Wendt, Tama. Heavy (15 shown)—Blue ribbons, Eugene Jaschke, Guthrie (2); Mary Luther, Jasper (2); Van McKibben, Marshall (2); John Sayre, Warren (2); Charlotte Shivvers, Marion (2); James Bates, Henry. Pens (13 shown)—1 and 2, Mary Luther, Jasper; 3, Eugene Jaschke, Guthrie. County groups (1 shown)—1, Marshall.

Champion Breeding Lambs: Ram—LaVonne Fitzgerald, Davis county (Shropshire). Ewe—John Sayre, Warren (Hampshire).

Champion Fat Lamb: Mary Luther, Jasper county (Shropshire-Southdown cross); reserve, Mary Luther, Jasper (Shropshire-Southdown cross).

Champion Showman: Eugene Jaschke, Guthrie county; reserve, Danny Merrick, Appanoose.

Best Managed Exhibits: Tied for first, Appanoose, Guthrie, Marshall, Plymouth, Story.

Shearing Contest: 1, Jimmie Maxted, Mahaska county; 2, Dean DeTar, Monroe; 3, Kent Seely, Kossuth.

FFA Dairy Heifers

The entries were light, the brand-new FFA dairy heifer show at the 1949 Iowa State Fair got off to a good start.

Winners in the first year of competition were as follows:

Judges: Arthur Porter and Floyd Arnold, Ames, Iowa.

Holsteins: Yearlings (1 shown)—1, Jack Thompson, Newton. Calves (4 shown)—1, Dwight Sickles, Waverly; 2, Orlyn Schutte, Waverly; 3, Jack Thompson, Newton.

Jerseys: Yearlings (1 shown)—1, William McLaughlin, Belmond. Calves (none shown).

Guernseys: Yearlings (3 shown)—1, Dale Renaud, Bondurant; 2, Jerry Satterlee, Independence; 3, Albert Schmidt, Newton. Calves (2 shown) — 1, Donald Allgood, Oskaloosa; 2, Jerry Satterlee, Independence.

Brown Swiss: Yearlings (2 shown)—1 and 2, Cloyce Palmer, Keota. Calves (4 shown) — 1, Cloyce Palmer, Keota; 2, Bruce Paine, Bondurant; 3, Charles Cassens, Sigourney.

FFA Lambs

Judges: E. H. Rotter, West Point, Iowa (breeding lambs); L. M. Kyner, Waterloo, Iowa (fat lambs).

Shropshires: Rams (4 shown)—1, Jim Staley, Hampton; 2, Lee Goodlander, Washington; 3, Walter McCleary, Bondurant. Ewes (5 shown)—1 and 3, Leslie Jorgenson, Gilbert; 2, Harold Nelson, Hampton. Pens (3 shown)—1, Leslie Jorgenson, Gilbert; 2, Walter McCleary, Bondurant; 3, Harold Nelson, Hampton.

Hampshires: Rams (6 shown)—1, Harold Bunting, Jesup; 2 and 3, Kent Seely, Algona. Ewes (5 shown)—1 and 2, Kent Seely, Algona; 3, Harold Bunting, Jesup. Pens (4 shown)—1 and 2, Kent Seely, Algona; 3, Harold Bunting, Jesup.

Other Breeds: Rams (3 shown)—1 and 2, Kent Seely, Algona; 3, Gale Walker, Washington. Ewes (4 shown)—1 and 2, Kent Seely, Algona; 3, Gale Walker, Washington. Pens—1 and 2, Kent Seely, Algona; 3, Gale Walker, Washington.

Fat Lambs: Medium (20 shown)—Blue ribbons, Keith Wood, Moravia (3); Kent Seely, Algona (2); George Van Sickel, West Union (2); Harold Fitzpatrick, Chariton; Lowell Hill, Sigourney; Walter McCleary, Bondurant; Norman Moon, Chariton. Heavy (20 shown)—Blue ribbons, Clarence Cannon, West Union (2); Jim Elson, Jesup (2); Merlin Rohrssen, Jesup (2); James Rose, Bondurant (2); Kent Seely, Algona (2); Alvin Wehr, Sigourney (2); Ernest Wehr, Sigourney (2); Harold Fitzpatrick, Chariton; Ralph Hebell, Jesup; Richard McDanel, Moravia; Norman Moon, Chariton; Darl Mullins, Chariton; Keith Wood, Moravia. Medium pens (9 shown)—1, Walter McCleary, Bondurant; 2, Keith Wood, Moravia; 3, Harold Fitzpatrick, Chariton. Heavy pens (10 shown)—1, Kent Seely, Algona; 2, Clarence Cannon, West Union; 3, James Rose, Bondurant. School groups (3 shown)—1, Jesup; 2, Chariton; 3, Moravia.

Champion Fat Lamb: Kent Seely, Algona (Southdown); reserve, Clarence Cannon (Shropshire).

Livestock News

The Aberdeen Angus sale of Good Earth Stock Farm, New Florence, Mo., September 3, under the able management of the Aberdeen Angus Journal, brought out a large crowd of buyers from many states. The top of the sale was Eric's Bonnet Girl, by Prince Eric 2d of Sunbeam, and sold for $5,000 to Wm. Anheuser, of St. Louis, Mo. Georgina of G. E., by Prince Eric of Sunbeam, sold for $3,500 to Shadow Isle Farm, Red Bank, N. J. Good Earth Queen went to Penney & James Hamilton, Mo., at $2,300. Homeplace Janerica 2d, by Eileenmere 487th, sold for $2,000 to Flint Hill Farm, Rose, Kan. Pride 168th of Sunbeam sold for $1,000 to George Curtis, Melrose, N. M. Chimera O. R. sold for $2,100 to Penney & James. Pride of Windy Hill brought $2,000, and went to Penney & James. Pandora of Windy Hill sold for $1,500 to Geo. Curtis. Blackcap Judy of Windy Hill sold for $1,400 to Dr. Yeck, Evansville, Ind. The top bull was Blackcap Eric 4th of G. E. and sold for $3,650 to Wm. Anheuser. The 48 females averaged $973, with seven bulls at $953 each. They went to buyers in Iowa, Illinois, Missouri, Kansas, Arkansas, Oklahoma, New Mexico, Indiana and New Jersey.

Quality Spotted Polands

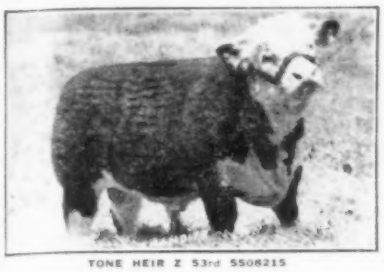
LENOX, IOWA,
SALE PAVILION
FRIDAY, OCTOBER 14
NIGHT SALE—7:30 P. M.

A grand offering of top boars and choice gilts, the tops from 160 head of spring pigs. We believe it to be the most outstanding offering we have ever sold. They are sired by **TODAY'S VIGOR**, one of the greatest boars of the breed and **STAR LAD** and out of one of the top sow herds in the state. This offering will be a meat type with that length and smoothness that also makes a fast maturing hog for market use. Write for free catalog. Kindly mention this publication. Address

LYLE STOAKS, CONWAY, IOWA

L. C. LARSEN & SONS SALE

DOMINO BRED HEREFORD CATTLE



TONE HEIR Z 53rd 5508215

53 Head

10 BULLS
28 Cows and Heifers

Audubon, Iowa, Sept. 28, 1949

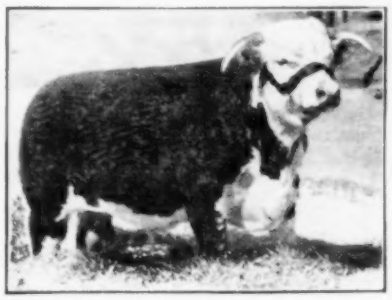
Much of our offering will be sired by **TH NORTH STAR 53rd,** son of WHR RULING STAR 43rd the Walter Thorp herd bull. This bull was one of the best breeding bulls we have ever used. All bulls by **TH NORTH STAR 53rd**, some tops from our herd. Many excellent young bulls . . . real herd-headers. A number of his daughters are also listed and these are all good cows. Some of our cows are well along in calf to this bull, and we think he is one of the best bulls we have ever owned. Many of our cows and heifers are bred to our new bull **TONE HEIR Z 53rd,** one of Iowa's good bulls. We bought him from the Patterson Land Co., Bismarck, N. Dak., and paid $2,500. (His half-brother sold for $6,000) to go to the head of one of the best herds in the northwest. We certainly want you to see this bull and he will be on exhibition sale day. Among the ten young bulls selling are several that should go to the head of good herds. We know you are going to like these bulls when you see them on day of sale. In females we are selling some of our top show heifers. Fifteen cows are selling with good calves at foot and some rebred. Among these are L. C. L. Ethel Starlet, selling with a real show prospect calf at foot. Another splendid cow is Jane Mischief, a daughter of Real Prince D. 27th, and she is selling with a nice bull calf at foot. There are a lot more cows that sell with calf at foot. We are selling 11 nice young heifers, some of which are in our show herd. It is an offering that we feel very proud of, and we want to see you at our sale. Write for our catalog at once and please mention Wallaces' Farmer and Iowa Homestead. Address

L. C. LARSEN & SONS
HAMLIN, IOWA

Auctioneer, Fred Chandler. M. T. White, Fieldman.

A HEREFORD DISPERSION

Sale at farm, located 30 miles North of Cedar Rapids and 10 miles south of Manchester on Highway No. 13 to Ryan, Iowa and 5 miles east, good gravel road



JHR COLORADO DOMINO 3rd—a top bull at 1948 National Western Show, Denver, Colorado, a son of Colorado Domino I 101st, one of the better sons of Colorado Domino E. 10th. A good 3 year old tried and proven herd bull.

Delhi, Iowa, Saturday, October 15th

• • •

90 Head

35 Grand Cows with Calves—About 25 Calves sell alone
20 Choice Yearling Heifers
9 Bulls—Herd Sire and Younger Bulls

This is a long-established herd, where good cattle have been produced. A line-bred **COLORADO DOMINO** herd for more than 10 years. Breeding that has proven its worth. The 35 grand brood cows are mostly daughters of **COLORADO DOMINO I. 144th** and **COLORADO DOMINO M. 56th.** They sell with big lusty calves at foot by **JHR COLORADO DOMINO 3rd.** About 25 will be sold alone for **4-H** and **F.F.A.** Club members . . . ideal for their Club work. A few are sired by **COLORADO DOMINO F. 300th.** 20 beautiful yearling heifers, several are bred to **JHR COLORADO DOMINO 3rd.** The 9 bulls include the 3 year old herd sire and 2 yearling bulls by **COLORADO DOMINO M. 56th.** 7 choice coming yearling bulls by **JHR COLORADO DOMINO 3rd.** Real prospects. Remember a **DISPERSION** always offers **BARGAINS. COME.** Ask for the **FREE** catalog. Kindly mention this publication.

A. M. & D. M. McDONALD, DELHI, IOWA

Auctioneer, Guy Pettit. Maurice W. Boney, Fieldman.

POLLED HEREFORD DISPERSION

At Sale Pavilion

LENOX, IOWA, MONDAY, SEPTEMBER 26th

40 HEAD — 9 BULLS, 31 FEMALES

Our Herd Bull, EER ROLLO DOMINO 12th
We feature his progeny, service and sale of him. See pedigree below.

EER ROLLO DOMINO 12th

CMR Rollo Domino Jr. 179608-3517331	CMR Rollo Domino 147094-3254000	Victor Domino 4th 86706-2113325
		Donna Mischief 108321-2574599
	VV Bonnie Burton 3d 2749825	Orville Domino 2355517
		Blanche Mischief 2459558
Choice Belle 4th 180128-3630260	Advanced Domino 38th 131460-2597667	Advanced Domino 83521-2090173
		Helen Domino 1913731
	Labelle Domino 12th 180127-2348267	Choice Domino Jr. 80237-2005549
		Labelle Domino 4th 120563

EER ROLLO DOMINO 12th, a strong headed bull, with substance and breed character. **EER ROLLO DOMINO 12th** never sired a horned calf. He was purchased by Bernard Hart at 1947 Panola-Tate sale for use in his Kansas herd. The sire of this bull, son of 1941 National Champion, sired more Blue Ribbon winners in the 1946 and 1947 National shows than any other bull. His Dam is a Kuhlmann-bred daughter of Advanced Domino 38th.

Our cow herd strong in the blood of **ANXIETY DOMINO** through his son **ANXIETY DOMINO 27th** and his grandson **CHOICE DOMINO 39th.** The herd bull and 9 good yearling bulls ready for service by **EER ROLLO DOMINO 12th.** 17 cows with big calves and rebred to **EER ROLLO DOMINO 12th.** 5 cows to calve this fall, 7 outstanding open heifers by **EER ROLLO DOMINO 12th.** This has been one of the top producing herds of the country. Polled Herefords of the right type, blood lines are right. Real **money-makers.** Ill health makes this sale necessary. A dispersion always offers **BARGAINS. COME!** Ask for **FREE** catalog. Please mention this publication. Address

CHAS. HART & SON, CONWAY, IOWA

Auctioneer, Fred Chandler M. T. White, Fieldman

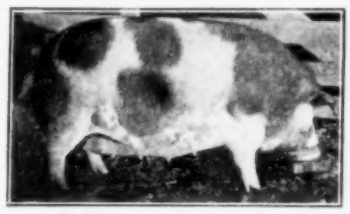
First Annual Sale

SPOTTED POLAND & SHORTHORN CATTLE

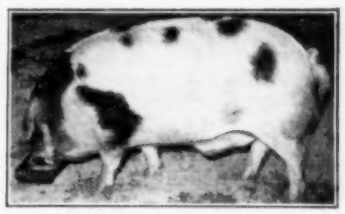
Sale at Farm located 3 miles east on Highway No. 92 and 1¼ miles south, ¼ mile west on all weather rock road

Sigourney, Iowa, Thursday, Sept. 29th

70 CHOICE WELL-BRED SPOTTED POLAND CHINAS



Ember, one of our brood sows



Our herd boar, Amana Pride

5 rugged fall boars, **25** top quality spring boars, 1 herd boar. **15** bred fall gilts sired by **CARRY-ON,** a son of Four Square, he by Prospect. Mated to top son of **BOLD VENTURE. 15** choice spring gilts by **AMANA PRIDE** by Iowa Design. A few bred tried sows, some of the sows and gilts will have pigs by sale day . . . others to farrow soon. Herd sows sired by wonderful boars, including **HIGH FLASH, TRUE TOMORROW, WILT'S PERFECTION, YANKEE DOODLE, TAYLOR TOT** and others. Best of blood lines. The boars include our herd boar **AMANA PRIDE,** a real tried sire. **2** good sons of **LOW MODEL** by Major Model. You can secure good seed stock, boars and gilts unrelated. Boars guaranteed breeders.

8 Scotch Shorthorn Cattle

4 grand young bulls ready for service and **4** beautiful heifers. All sired by **HELFRED CLARENDON 2214650,** the first son of the noted Helfred Spotlight. The heifers are open . . . 2 were selected by Roy A. Gilman for Iowa state sale . . . but retained for our sale. Best of blood lines. All cattle T.B. and Bang's tested.

The breeding stock can be inspected before sale day. Make profitable selections here, good dependable breeding, real quality. **COME.** Ask now for **FREE** catalog. Kindly mention this publication. Address

NICHOLAS CASSENS and FERN CASSENS, SIGOURNEY, IOWA

Aucts: Eugene J. Rath and E. E. Tremmel. M. T. White, Fieldman.

FREE TICKETS: Issued to 4-H and F.F.A. members only for the FREE open gilt. Blue Grass: landing field for Flying Farmers.

10TH ANNUAL

Iowa Polled Shorthorn Club Inc.

SHOW: 9:30 A. M. SALE: 1:00 P. M.

Judge: Robt. Bell, Silver Springs, Md.
Iowa State fair grounds

Atuna Redeemer X, an August yearling by Atuna Lord Collynie X. Two more bulls by him sell, a dark roan and a red. Real prospects.

Des Moines, Iowa
Wednesday, Oct. 5th

68 HEAD

34 Good Bulls

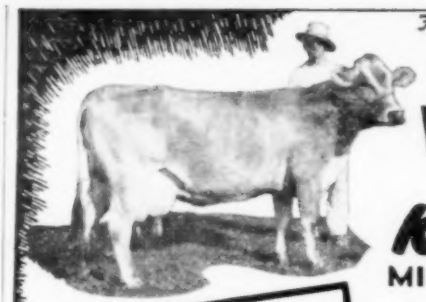
34 Choice Females

A grand offering selected with care from 28 leading herds. The 34 bulls is the largest number we have ever sold, they are good bulls by great sires, pleasing in type and will make herd sires. Many cows with calves, some rebred, a number of bred heifers and several open heifers. Several 1949 Iowa state fair winners sell, including Reserve Grand Champion bull; Reserve Grand Champion female; 1st prize bull calf and others of like merit. Grand individuals ready to make you a profit . . . finest of breeding. The consignors are:

R. L. Flamme	Gladbrook	L. W. Lovell	Monticello
Frank Dempster	Arlington	Walter F. Fennern	Vinton
George E. Smith	Thornton	G. E. Smith	Keokuk
Earl S. Girton	Marshalltown	Falcon & Wright	Rowley
Hade Bros.	Harcourt	Clyde Wasson	Dexter
Howard Weeks	Story City	Bayard W. Scott	Vinton
John Vanden Berg	Pleasantville	Frank Harper & Son	Oskaloosa
Otto Johnson	Lohrville	Amos Stittsworth & Son	Knoxville
V. I. Marshall	Adel	Emmet Franklin & Sons	Oskaloosa
G. W. Zinnell & Sons	Rockwell City	Alvin A. Wimer	New Sharon
J. C. Wahls	St. Olaf	Estel Moore	What Cheer
R. E. Phillip	Red Oak	J. W. Beal	Maxwell
L. C. Bolson	Decorah	Glenn Yoakam & Son	Keswick
A. G. Kester	Coggon	E. W. Schrage & Son	Allison

A study of the catalog and you will find many of the best sires are represented which incluude **ALUNA LORD COLLYNIE, CHERRY HILL LANDMARK, COLLYNIE STARDALE, VILLAGE TYPE, CLOVERDALE DEFENDER, CLOVERDALE CORONET, CLOVERDALE CYNBAL, COLLYNIE DALE, COLLYNIE PRIDE, MISTY VALE COMMANDER, RED OAK GOLDSPUR, GLENN KNOLL'S MASTERPIECE, LYNNWOOD COMMAND, VALLEY VIEW MASTERPIECE and VALLEY VIEW GUARD.** Breeding unsurpassed. All cattle **T. B.** and **BANGS** tested. **COME!** Ask for **FREE** illustrated catalog. Kindly mention this publication. Address

EARL S. GIRTON, Sale Mgr., Box 282 W, MARSHALLTOWN, IA.
Auctioneer, J. E. Halsey



Fanny May of Joan 118388

BREAKS WORLD RECORD

WHEN FED

KIDMAN'S

MINERALIZED YEAST

Frank F. Ochsner's Brown Swiss Sets New Production Mark

"My Registered Brown Swiss cow, Fanny May of Joan 118388, has recently completed a world record for production in the Brown Swiss breed. "In 305 days, as a senior 3-year-old, on twice a day milking, she produced 18,094 pounds of milk and 666.44 pounds of butterfat, to beat the old record by 78 pounds of fat.

"This cow was fed a liberal supply of Kidman's Mineralized Yeast Culture during most of her lactation period. I have been feeding my herd of Registered Brown Swiss this mineralized Yeast for over six months with very satisfactory results. I believe it increases the appetite, and therefore increases production."

Frank F. Ochsner, Dakota, Ill.

We don't particularly feature champions—we believe **Kidman's Standard Stock Powder** and **Kidman's Mineralized Yeast** do their best job increasing weight and yield in average farm herds. BUT champion animals naturally achieve greatness when they, too, are fed these time-tested products. "Standard Over 50 Years." They are good for champions—good for your animals, CATTLE, HOGS, SHEEP and POULTRY. **Sales Representatives Wanted.**

STANDARD STOCK POWDER COMPANY
DEPT. W-5 DES MOINES, IOWA

Plan now to attend

The "SALE OF SATISFIED BUYERS"

Royally Bred — Good Individuals

SCOTCH SHORTHORNS

Located just south of Galesburg, Illinois, in comfortable pavilion at

ABINGDON, ILL.
Friday, October 7

75 Lots — 30 Good Bulls — 45 Money-Making Females

Cattle selected from leading herds, where they make a profit from the production of **Shorthorn** cattle . . . they will do the same for you. A sale planned with **YOU** in mind, cattle offered without pampering. Ready and to make money for you. Bulls suitable for herd headers. Choice young cows with top quality calves, bred cows and heifers. Breeding and quality that will please. Plan to attend. Write today for **FREE** catalog. Please mention this publication. Address

HAL LONGLEY, Sale Mgr., 16 So. Locust St., AURORA, ILLINOIS
Auctioneer, J. E. Halsey

The 11th Southwest

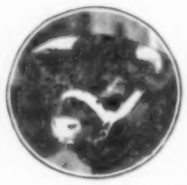
IOWA SHORTHORN BREEDERS ASSN.

SHOW: 9:00 A. M. SALE: 12:00 Noon

JUDGE: ROYAL HOLZ

Comfortable sale pavilion

RED OAK, IOWA
MONDAY, SEPTEMBER 26



25 BULLS — 25 FEMALES

The best offering we have ever sold, selected from good herds. Bulls that will make herd sires. Good dependable females. The consignors are:

McCone Bros.	Botna
Lloyd Davis	Oakland
Ray Saunders	Manilla
Price & Buch	Clarinda
A. H. Herzberg	Clarinda
John Combs	New Market
W. A. Ray	Kent
Paul Thompson	Dow City
Howard Gilman	Stuart
D. Bower & Sons	Bridgewater
Malmberg Bros.	Villisca
Paul Harland	Clarinda
Lomas Bros.	Villisca
Geo. Gruss & Sons	Greenfield
Jerry Crowe	Villisca
Edgar Hillman	Essex
S. H. Kline	Clarinda
Richard Hart	Villisca
Kenneth Urquhart	Stuart

50 Club Calves

Sale at 12:00 Noon

Our Club Calves are sponsored by Southwest Shorthorn and Polled Shorthorn Breeders . . . they comprise bulls, steers and heifers . . . ideal for 4-H and FFA members, ready to go ahead.

The Breeding sale follows the **CALF** sale . . . you can find plenty of good bull prospects, ready for service. Cows with calves, bred cows and heifers and attractive open heifers. They will please and make a **PROFIT** for the buyers. All **T. B.** and **BANGS** tested.

Plan to attend. Ask now for **FREE** catalog, mailed on request. Kindly mention this publication. Address

ROY A. GILMAN, Sale Mgr., STUART, IOWA

Auctioneer, J. E. Halsey M. T. White, Fieldman

BANQUET: Evening of Sept. 25th, all are invited, please come.

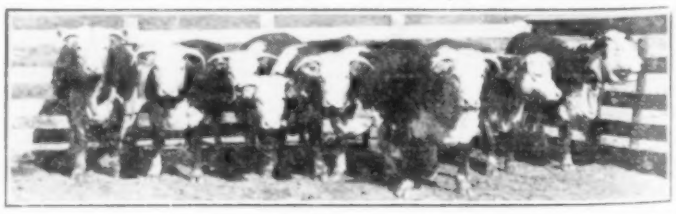
Wiese Brothers and Neighbors

HEREFORD SALE

At Wiese Bros. farm, comfortable building, located 15 miles northwest of Davenport on all-weather road

DONAHUE, IOWA
Wednesday, September 28, 1949

18 GOOD YOUNG BULLS — 25 BEAUTIFUL FEMALES



A fair sample of cattle on the Wiese farm.

A most desirable lot of cattle, richly bred from the **Elmer** and **Roy Wiese** farms, with the following neighbors being good cattle **EMERY ENGLER**, Donahue; **WALTER GRIEP**, Donahue; **EARL J. HARRING**, DeWitt; **WM. JENSEN**, Stockton; **FRANK & LEONARD NEFF**, Mount Vernon; **EARL McGINNIS**, LeClaire; **CLARENCE E. PAULSEN**, Stockton; and **DALE PAUSTIAN**, Walcott. The **18** bulls include one 2 year old, **17** are yearlings or just turning 1 year. The females include **3** cows with calves, **3** bred heifers and **19** yearling heifers, and calves expected are **SILVER REAL, REAL PRINCE DOMINO 3rd, JUPITER MISCHIEF, REAL BRUCE D. K. 16th, REAL BRUCE D. K. 43rd, LADDIE BEAU 2d, DOMINO LETSTON 2d, TAMA TRIUMPH 83rd, TRIUMPH LETSTON 6th, TRIUMPH LETSTON 20th, TRIUMPH TRIUMPH**—several grandsons and granddaughters of **REAL SILVER DOMINO 32d**, the national Grand Champion. Best of breeding. The type and quality will please. Sell in fair condition. **COME!** Ask now for **FREE** catalog. Kindly mention this publication. Address

WIESE BROTHERS DONAHUE, IOWA

Auctioneer, J. E. Halsey

PRODUCTION SALE

of P. A. Rasmussen & Sons, Goldfield, Iowa

Sale at fair grounds

HUMBOLDT, IOWA

THURSDAY, SEPT. 29th

53 LOTS—15 Bulls—32 Bred Cows and Heifers—6 Open Heifers

Augusta 31st a two year old daughter of 1942 Denver Grand Champion N.U. Gold Nugget. Mated June 7 to Edellyn Marine Mercury.

Royal Charter 49th, July yearling by Newallyn Royal Charter, half brother to $5,000 Newallyn Ian. Dam by Helfred Premier by Helfred Style. A real prospect

YOU CAN "TIE TO" THIS KIND WITH CONFIDENCE

Our ambition is to always breed top quality Shorthorns. The herd has been built through the use of top sires, **EDELLYN ROYAL LEADER** 29th, top 1946 International Congress at $7,200. He has 5 sons, 4 daughters in sale and 13 heifers are mated to him. **EDELLYN MARINE MERCURY**, one of the best breeding sons of Calrossie Mercury (Imp.) the Perth Champion. He has 10 daughters in the sale and 12 females mated to him. **EDELLYN ROYAL LEADER 76th**, our line-bred Edellyn Royal Leader, is out of the Dam of Edellyn Royal Leader and by Edellyn Royal Leader 23rd. There are 13 females mated to him. **NEWALLYN ROYAL CHARTER**, half brother to the $5,000 Newallyn Ian has 13 daughters and granddaughters and 10 sons and grandsons that sell. The 15 bulls are yearlings, all ready for service. The females include 6 attractive open heifers and 32 grand bred heifers. They are a quality offering. All **T. B.** and **Bangs** tested and vaccinated and fully guaranteed. COME. Ask for **FREE** illustrated catalog. Kindly mention this publication. Address

MERVIN F. AEGERTER, Sale Mgr., SEWARD, NEBR.

Auctioneer, J. E. Halsey M. W. Boney, Fieldman

Circuit: Sept. 30, Robt. Wright (Dispersion) Carroll, Iowa. Oct. 1, Swanson, Hildreth and Luinstra.

A SHORTHORN DISPERSION

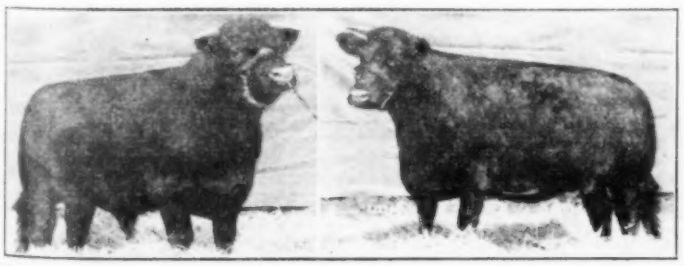
The Robert Wright herd, at Wright farm located 4 miles north of Glidden northeast of

CARROLL, IOWA

FRIDAY, SEPTEMBER 30, 1949

84 HEAD

43 COWS WITH BIG FINE CALVES
21 CHOICE BRED COWS AND HEIFERS
19 MOST ATTRACTIVE OPEN HEIFERS
1 EXCELLENT HERD BULL



Killearn Royal Max, purchased in 1949 Claude Gallinger sale at $3,100. An outstanding son of the noted Killearn Max 5th. A wonderful head, level, and smooth in lines, with great quarter and plenty of style. He sells. Many females mated to him.

Victoria 121st, a two year old daughter of Gold Bar Revenue, a son of Killearn Max 5th—well forward in calf to Killearn Royal Max. Her Dam is a daughter of Braelodge Keepsake out of the T. A. Russell's famous Rosewood 48th. A fair sample of the choice females.

Our expanded farming and business interests at Carroll and Canada have required considerable time . . . hence the regrettable decision to disperse the herd. Our herd bull **KILLEARN ROYAL MAX 3031S1** (Illustrated here). An April yearling and a half brother to Killearn Max Juggler, the Claussen Bros. herd bull and many other famous half-brothers in the country's strongest herds. 30 excellent daughters of **GOLD BAR REVENUE** have been mated to him. A real herd sire for someone. 19 attractive open heifers by **GOLD BAR REVENUE 2304234**, now in service in the Claude Gallinger herd . . . 43 grand brood cows with big lusty calves at foot, 38 are sired by **GOLD BAR REVENUE**, 5 by one of his sons, **ROYAL ARCHER**. 28 daughters of **GOLD BAR REVENUE**, 22 daughters of **BRAE LODGE KEEPSAKE**, 22 by **BRAE LODGE IDEAL** and 9 by **BRAE LODGE FAVORITE**. There are 27 bred heifers most all mated to **KILLEARN ROYAL MAX**. You will like the calves . . . real prospects . . . uniform, short-legged, heavy quartered with good heads and plenty of bone. Sold fully guaranteed. All **T. B.** and **BANGS** tested. Ask for **FREE** illustrated catalog. Kindly mention this publication. Address

MERVIN F. AEGERTER, Sale Mgr., SEWARD, NEBRASKA

Auctioneer, J. E. Halsey M. T. White, Fieldman

SALE CIRCUIT: Sept. 29, P. A. Rasmussen & Sons, Humboldt, Iowa. Oct. 1, Swanson-Hildreth-Luinstra sale, Estherville, Iowa.

SANDOON CAPTIVATOR by Calrossie Harmony

SCOTCHDALE BARON by Kirkton Baronet

Swanson Bros.-Hildreth-Luinstra

SHORTHORN SALE

At Swanson farm, 7 miles west, ¾ mile south of

ESTHERVILLE, IOWA, SATURDAY, OCT. 1st

14 Good Rugged Bulls — 38 Beautiful Females

Swanson Bros., Estherville, Iowa; **Howard Hildreth & Son**, Terrill, Iowa; and **Martin Luinstra**, Harris, Iowa, join together in making a great offering from three good herds. The bulls are ready for service, rugged, excellent colors, sired by **DIVIDE DEFENDER 2d**, **SCOTSDALE ADMIRATION** and **BRAE LODGE LEADER**. The females, 3 young cows with calves at foot and 35 choice bred heifers, mostly daughters of **DIVIDE DEFENDER 2d** and **SCOTSDALE ADMIRATION**. 15 bred to **SCOTSDALE BARON**, 11 to **SANDOON CAPTIVATOR**, and others to **SCOTSDALE BALLAST**. A great array of high class herd sires. Good breeding, pleasing in quality. The sort that will make a real profit. Plan to attend. Ask for the **FREE** illustrated catalog. Kindly mention this publication. Address

MERVIN F. AEGERTER, Sale Mgr., SEWARD, NEBRASKA

Auctioneer, J. E. Halsey M. W. Boney, Fieldman

SALE CIRCUIT: Sept. 29, P. A. Rasmussen & Sons, at Humboldt, Iowa. Sept. 30, Robt. Wright (Dispersion) Carroll, Iowa.

VICTORIA MIST 10th by Divide Defender 2d, mated to Scotsdale Baron

BRAEBOURNE NONPAREIL by Brae Lodge Leader, mated to Sandoon Captivator

68th Sale of Marshall County

SHORTHORN BREEDERS

In Marshalltown's large livestock auction barn, Iowa's most sanitary pavilion, located east edge of City on 18th Avenue

MARSHALLTOWN, IA.

Tuesday, Sept. 27th

75 HEAD

35 BULLS—MOST ALL READY FOR SERVICE
40 FEMALES—COWS AND CALVES—BRED COWS AND HEIFERS AND OPEN HEIFERS
20 4-H CLUB CALVES—SELL AT 12:00 NOON

One of the oldest Associations in the state, where dependable cattle have been produced and sold for many years. About one half of the females are cows with big lusty calves at foot, double value for the buyer. Good young bred cows and heifers and attractive open heifers. The bulls are herd bull prospects, all over 15 months old, a few over 2 years old. The consignors are:

	Females	Bulls		Females	Bulls
E. L. Williams, Marshalltown	1	0	L. F. Doak & Sons, Grundy Center	0	1
M. W. Stover, Marshalltown	3	0	Harry L. Paul, Haverhill	2	2
Geo. H. Lewis, Marshalltown	1	0	Fennern Bros., Garrison	0	6
Renton Fricke, Marshalltown	0	1	W. E. Ruffcorn, Collins	1	2
C. E. Kasischke, Radcliffe	8	1	Lorene Fennern, Vinton	1	0
Geo. S. Cuckle & Son, Duncomb	0	1	Evergreen Farm, Columbus Jct.	4	1
Glen Bacon, Parkersburg	2	0	J. E. Smith, Richland	3	1
Herman Cirksena, Parkersburg	4	2	Gilbert Piffer, Indianola	0	2
Paul Aldinger, Ackley	0	4	D. H. Andrew, Indianola	1	0
Ray Mitchell, Charles City	0	2	Ted W. Miles, Corydon	0	2
Jack Albright, Cedar Falls	0	1	I. H. Whitman, Lisbon	2	2
Oscar Van De Walle, Tama	1	1	Louis H. Gerke, Cambridge	1	0
Harlan Stratton, Nevada	1	1	Merne Anderson, Victor	1	0

The 26 herds have cataloged some well-bred and desirable cattle. They will be presented in good thrifty breeding condition . . . just right to go out and make money for the buyer. A good place to buy cattle. The large number affords a wide selection. All T.B. and BANGS tested. COME! Ask now for FREE catalog. Kindly mention this publication. Address

GEO. H. LEWIS, Rt. 1, MARSHALLTOWN, IOWA

Auctioneer, Clair Mason J. E. Halsey, Fieldman

DISPERSION SALE

BENSON ANGUS RANCH

Held at farm, located 30 miles southeast of Ottumwa, and south of

MILTON, IOWA, SATURDAY, OCTOBER 1st.

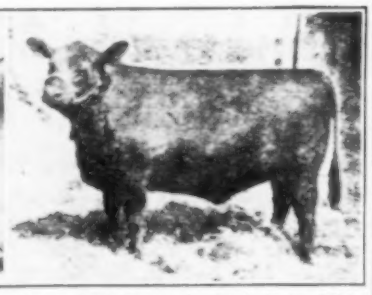
Starting at 1:00 P. M.

90 FEMALES, 40 WITH CALVES
10 COWS TO CALVE SOON
40 BRED AND OPEN HEIFERS
HERD BULLS — AND YOUNG BULLS

Featuring the Get, Sale of and Service of

IMP. ENFILEEN'S BANDOLIER F. 23X 948737

Enfileen's Bandolier F. 23X by Enfileen's Bandolier. You can solve your herd bull problem here. A real sire for someone.



Blackcap Bessie Benson, top female in our 1948 sale. A daughter of Black Bandolier 3rd. Dam, Bessie Beauty of Morden Hill. A full sister sells, same type and merit.

One of the best herds of the breed in the state, rich in pedigree, pleasing in type and quality. The herd bull, Imp. **ENFILEEN'S BANDOLIER F. 23X** and **MERCURY'S ENOCH E.** 837542, a son of Cesor's Evader Mercury, a Bandolier-bred bull. 8 good young bulls, mostly sons of **ENFILEEN'S BANDOLIER F. 23X,** real prospects.

YOUR GOLDEN OPPORTUNITY: To buy many of the top matrons and best bred females of the breed. We selected and bred these to improve this herd. The leading families are represented. 8 **BLACKCAP BESSIES,** 10 **MAID OF BUMMERS,** 15 **McHENRY BARBARAS, JUANA ERICAS, WITCH OF ENDOR, BLACKCAPS,** other popular **ERICA** tribes, **BLACKBIRDS, QUEEN MOTHERS.** Breeding unsurpassed.

THE BENSONS invite you to attend this sale. **COME!** Ask now for **FREE** beautiful illustrated catalog. Kindly mention this publication. Address either.

H. WARD BENSON, MILTON, IOWA

The Aberdeen-Angus Journal, Webster City, Iowa

Auctioneer, Roy Johnston — Write or wire for Hotel reservations

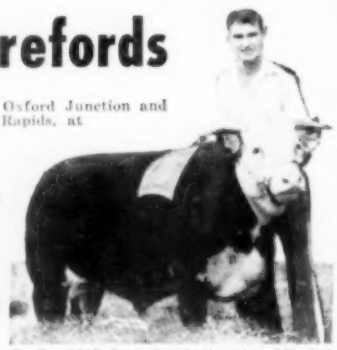
---

Registered Herefords

Sale at farm, located 3½ miles northeast of Oxford Junction and only 50 miles northeast of Cedar Rapids, at

OXFORD JCT., IA. SATURDAY OCTOBER 8, 1949

Starting at 1:00 P. M.



T. G., 1947 Iowa Grand Champion 4-H Club Steer . . . bred on our farm.

1947-1948-1949 IOWA SHOW RECORD
1947—5 first prizes; 3 Champions; 1 Reserve Champion. 6 calves shown "T. G." was grand Champion Des Moines and "POT" 1st prize at Des Moines—were among the 6 shown. 1948 record, 8 blue ribbons; 2 Champions; 2 Reserve Champions. "TEDDY" Reserve Champion was sold in our 1947 calf sale.
1949 record, 3 Champions; 3 Reserve Champions; 12 blue ribbons, Reserve Champion 4-H Heifer.

45 HEAD

36 TOP QUALITY CALVES
6 1948 Bulls — 3 1948 Heifers

One of the finest lot of calves we have ever raised, our 1949 crop. Many show and breeding prospects and wonderful **4-H** and **FFA** club prospects. 6 choice bulls, calved in 1948, will make herd-headers. 3 heifers of like merit. Calves sired by **MISCHIEF STANWAY 245th, WHR COMPACT SETH, SETH ELATION** and our new herd bull is **DANDY DOMINO 64th** by the famous Double Dandy Domino. The blood of **Champions.** Pedigrees furnished. Plan to attend. Ask now for **FREE** catalog. Kindly mention this publication. Address

T. G. MURRAY, OXFORD JUNCTION, IOWA

North West Missouri Shorthorn Assn. Inc.

SHOW: 9:30 A. M. SALE: 1:00 P. M.
Judge Lloyd Davis, Oakland, Iowa

Sale pavilion

Rock Port, Missouri, Monday, Oct. 3rd

35 Rugged Bulls — 39 Desirable Females

An excellent offering selected from 20 leading herds in this territory, where desirable well-bred **Shorthorns** are produced. There are 5 **POLLED SHORTHORNS,** 3 choice bulls, 2 dandy females. Most of the bulls are ready for service, a bull for any need, the large number affords a wide selection. The females include young cows with calves, some rebred, desirable bred cows and heifers and attractive open heifers. The type and quality will please. Sires represented include Hilfred Golden Fame, Goldfinder Chelmsford, Cumberland Ransom 8th, Sni-A-Bar Ransom, Mercury, Royal Favorite, Goldfinder Addsworth, Prince Peter Pride, Calloway Supreme, Roseridge Scobby, Charles Goldfinder Avondale, Sni-A-Bar Golden Archer, Rosewood Archer 4th, Royal Star, Royal Centurion 2nd, Goldfinder Bondsman, Son of Mercury, Supreme Chief, Margaretta's Association, Aldrice Fin's Crusader, and Collynie Patriot. Best of breeding. Plan to attend. Ask for the **FREE** catalog. Kindly mention this publication. Address

JAMES MEYER, Sale Mgr., R.F.D., MARYVILLE, MISSOURI

Auctioneer, J. E. Halsey

—SAVE MONEY THE EASY WAY—BUY SAVINGS BONDS NOW—

Annual Production Sale

B. A. DYE FARMS' ANGUS

At farm 2 miles north of

WYANET, ILLINOIS THURS., OCT. 6th

Starting at 1:00 P.M.

6 Good Bulls
55 Wonderful Females

DYE FARMS have purchased best foundation cattle possible from leading herds and this is the production from a great foundation. The bulls include 4 good sons of **EILEENMERE 922d** by Eileenmere 85th. A good son of **EILEENMERE 500th,** 1946 International Grand Champion. A top son of **BANDOLIER 44th of WILTON,** sire of many of Nobis' winning cattle. The females include 4 daughters of **EILEENMERE 500th;** 2 imported cows; 1 daughter of **EILEENMERE 260th,** many choice daughters of **EILEENMERE 922d,** and many granddaughters of **EILEENMERE 85th.** The bred heifers are mated to sons of **EILEENMERE 85th, EILEENMERE 500th** and **EILEENMERE 487th.** 5 **MAID OF BUMMERS,** close to Imported cow; 1 Imported **BALLINDALLOCH GEORGINA;** 2 **EDWINAS;** 1 **ERRIANNA ERICA;** 1 **BALLINDALLOCH JILT;** 1 **CHERRY BLOSSOM,** out of our show herd . . . only a few of these in this country. Breeding unsurpassed. The quality will please. All females Calfhood Vaccinated. Plan to come. Ask for **FREE** beautiful illustrated catalog. Kindly mention this publication.

OUR SHOW HERD, WHICH HAS BEEN WINNING SUCCESSFULLY SELLS

J. B. McCORKLE, Sale Mgr., COLUMBUS 15, OHIO
Suite 3710 A. I. B. Bldg.

B. A. DYE FARMS, WYANET, ILLINOIS

Aucts.: Roy Johnston and Paul Good. Sale Hdqrs., Hotel Clark, Princeton, Ill.

Sale Circuit: Oct. 3—Great Oaks Farm, Rochester, Mich. Oct. 5—J. Garrett Tolan, Pleasant Plains, Ill. Oct. 8—Mercer County, Aledo, Ill.

35th Semi-Annual Mercer County

Angus Breeders Sale!

ALEDO, ILLINOIS SATURDAY, OCT. 8

120 HEAD

80 Choice Cows and Heifers
10 Good Herd Bull Prospects
30 4-H and FFA Calves

Another high class offering of popular type and the profitable sort that have characterized our past sales. Cattle close up to a profit . . . representative of all of the breeds' more noted sires and best producing family strains. The 10 bulls suited for either registered herds or farm use. 40 grand cows with big fine calves at foot, 40 choice bred and open heifers. Others are either steers and heifer calves ideal for **4-H** or **FFA** project feeding. With the incentive for increasing pasture acreage, nothing is more certain to yield a profit than a beef herd, and this offering has been selected with that thought in mind, with corn-belt farmers.

All especially invited to attend. Cattle **T.B.** and **Bangs** tested. **COME!** Ask now for **FREE** well illustrated catalog. Kindly mention this publication. Address

H. McWHORTER, Sec. & Sale Mgr., ALEDO, ILL.

South Western

Wisconsin Angus Sale

Sale pavilion

Lancaster, Wis., Mon., Sept. 26th

65 Head — 22 Bulls — 43 Females

Consigned by 15 of the leading breeders of the state. The bulls include herd bull prospects—most all ready for service—The large number affords a wide selection. About 35 most attractive open heifers, some choice bred cows and heifers. The consignors are

Roy E. Weaver	Shullsburg	Harold and May Austin	Lancaster
Ahrens Bros.	Prairie du Chien	University of Wisconsin	Madison
C. E. Blackbourn & Sons	Cassville	Earl Gelbach	Lancaster
Phillip Hauk & Son	Cassville	Don Novak	Montfort
Hauk Bros.	Casville	O. H. Kettler	Platville
Barliss Farms	Janesville	Lunden Pickel & Sons	Platville
W. R. Merriman	Janesville	Bernard Barb	Richland Center
James C. Perrin & Sons	Bloomington		

The offering is sired by good herd bulls and females mated to top quality sires. The families are some of the finest the breed affords. Wisconsin cattle are real Money-makers. Plan to attend. Ask for **FREE** catalog. Kindly mention this publication. Address

J. C. PERRIN, Secy., BLOOMINGTON, WISCONSIN

Auctioneer, Hamilton James. Maurice W. Bomar, Fieldman

National OCT. 3-9

DAIRY CATTLE CONGRESS

WATERLOO IOWA

MIDWEST INDUSTRIAL EXPO.
• NATIONAL BELGIAN SHOW

Hippodrome

SUPER ENTERTAINMENT

See the pick of the Nation's finest circus acts. Inspiring livestock parades. Two and one-half hours of super sensational entertainment. Beautiful pageantry. Great saddle horse show.

SEND TODAY for Hippodrome seats—mail check or money order to Dairy Cattle Congress, Ticket Dept.

POPULAR PRICES

RESERVED SEATS - - - - - $1.50 ea.
BOX SEATS - - - - - - - - $1.75 ea.
(Children same if they occupy seat.)

Performance every afternoon and night. Send self-addressed, stamped envelope — give number of tickets desired, performance, day.

MAMMOTH INDUSTRIAL DISPLAY

Newest and finest dairy and farm equipment in colorful exhibit. Latest power farm machinery.

COMPLETE WOMEN'S DEPARTMENT

Featuring latest kitchen equipment. Newest gas and electric appliances. Gorgeous Midwest Garden and Flower Show. Cooking demonstrations. Food exhibits.

EDUCATIONAL EXHIBITS, CONTESTS, DEMONSTRATIONS! POULTRY AND WATERFOWL EXHIBITIONS

50TH ANNIVERSARY SALE

POLLED SHORTHORNS

4-H Pavilion, State Fair Grounds

LINCOLN, NEBRASKA
THURSDAY, OCTOBER 6th

11 GREAT BULLS — 39 GRAND FEMALES

ALBERT HULTINE & SONS, Saronville, Nebraska, and others by sons or out of daughters of **HULTINE**-bred sires have been the leaders at every **NATIONAL CONGRESS** show and sale. In the Commercial herds and farm herds . . . they have delivered . . . with easy-feeding, higher quality top beef . . . **HULTINE** breeding is leading production in the strongest herds. The bulls are the best in 50 years of constructive breeding. The 3-year-old champion, **COLLYNIE NOBLEMAN,** and 3 of his sons sell. **RIVERSIDE CONTROL,** a great 2-year-old. 6 dark red sons of the famous $5,000 **RIVERDALE** . . . show and breeding prospects. The females include **27** daughters of the great $5,000 **RIVERDALE** X2343926. Three cows with big calves at foot. **36** bred and open heifers, mostly granddaughters of **COLLYNIE FASCINATOR.** We offer our best for the **GOLDEN ANNIVERSARY.** An opportunity for foundation cattle, rich in pedigree, pleasing in type, merit and quality. Show and breeding cattle of the highest order.

$200.00 **FREE FREIGHT** will be paid on **10** lots or more shipped to one destination . . . 300 miles or more from **Lincoln, Nebraska.** Buyers can consolidate shipments to earn this **FREE** freight offer.

Plan now to attend. Ask for the **FREE** beautiful illustrated catalog. Kindly mention this publication. Address

MERVIN F. AEGERTER, Sale Mgr., SEWARD, NEBRASKA
Auctioneer, J. E. Halsey — M. T. White, Fieldman

SALE CIRCUIT: October 4—Sioux Empire, Sioux Falls, South Dakota. October 5—Iowa State Sale, Des Moines, Iowa.

FROM ONE OF THE BEST SOW HERDS OF THE BREED

CHESTER WHITE BOAR SALE

At the farm, west and north of

LAKE MILLS, IOWA

1:00 P. M.

Saturday, October 1, 1949

See our grand sow and you too will agree that it is one of the best of the breed. Our boars will show how that exceptional growth factor for their age. Their depth, length, smoothness and quality will please. Those interested in producing profitable hogs. The blood lines are proven, being sired by **HILLSIDE CHAMPION,** by Reuben's Champion, and by **SHADY SIDE BOY,** 1948 Ohio Jr. Champion and by sire of True Type, the 1947 Ohio Grand Champion. See this offering! Write for **FREE** catalog, mentioning this paper.

A. L. BIDNE & SON, LAKE MILLS, IOWA
Auctioneer, Joe Reisch

MILKING SHORTHORN DISSOLUTION

Fremont, Nebr., Wells Sale Barn, September 26th

This sale of the Parkinson Farms herd of Milking Shorthorns is made necessary to settle partnership. Everything sells, consisting of 25 cows three years old and over, 18 bred heifers and 6 heifer calves. 16 bull calves sired by **SUSIE'S MODEL DUKE** and **ROBINHOOD COMET.** This dispersal of one of the outstanding herds in the middlewest offers an unusual opportunity for the most particular buyers. Be sure to get the free catalog which gives the records and breeding of every animal. Please mention Wallaces' Farmer and Iowa Homestead when writing for it.

PETER PARKERT & HARVEY L. RENNINGER, Owners, HOOPER, NEBR.

Iowa Hereford Cattle Breeders Association

INCORPORATED

ANNUAL SHOW AND SALE

SHOW—Tuesday — **SALE—Wednesday, 1:00 P. M.**

October 4th — **October 5th**

At Stock Yards Sale Pavilion

SIOUX CITY, IOWA, OCTOBER 4 & 5

100 HEAD

75 BULLS — 25 FEMALES

★ **As an Added Feature we Added 10 Groups of 3 Bulls in Pens. They will be offered in pens at private treaty on October 3rd and 4th.**

★ **We aim to make this the Greatest Hereford Show and Sale ever held in Sioux City.**

This splendid offering includes a number of fine herd bull prospects and some really choice females. Top blood lines represented. As a special feature to our regular show and sale we have added groups of 3 bulls in pens for private sale on October 3 and 4. The uniformity of the bulls in pens will please the ranchman and larger commercial farm producers. Our consignors are:

S. O. Knudson	Sioux Rapids	Alex Conover	Holstein
Melvin Jensen	Everly	E. O. Johnson & Son	Milford
Harold L. Asmus	Audubon	Elmo Bush & Son	Lake Park
Westensee Co.	Galva	Mervin L. Zeller	Marathon
V. R. Preston	Kingsley	Edw. Towe	Paullina
F. M. Oosterhuis	Hospers	C. E. Conover	Ida Grove
Allen Lundgren	LeMars	Elmer Meyer	Sac City
Ralph Gilbert	Peterson	Joseph Trimble	Galva
F. S. Brisbois	Fonda	Carl Bauer	Pierson
Laurence Jeffers	Laurens	Silver Crest Hereford Farm	Newell
Watts & Thomas	Pacific Junction	John Siehl & Son	Grinnell

Attend the show on October 4th and make your pre-sale selections and buy with confidence on sale day, October 5.. This is an outstanding Hereford event that you will not want to miss. Write today for your **FREE** catalog and please mention this paper when writing.

F. W. KETELSEN, Sale Mgr., EVERLY, IOWA
Auctioneer, Chas. Corkle — Maurice Boney, Fieldman

Sioux Empire

Polled Shorthorn Club, Inc.

At the Fairgrounds

Sioux Falls, South Dakota

Show 9:00 A. M., Sale 1:00 P. M.

Tuesday, October 4

33 BULLS — 27 FEMALES

Leading breeders from Iowa, Minnesota, Nebraska, South Dakota, and North Dakota have drawn deep into their herds to present this strong offering of useful cattle. The type and quality are exceptionally good and they are deep in Polled breeding. A greater portion of the bulls are ready for immediate service and among them are a number of real herd bull prospects. The females would be an attraction to any herd. The consignors are:

Seely Bros.	Algona, Iowa	L. E. Sasse	Sleepy Eye, Minn.
Earl Ferguson & Sons	Laurens, Iowa	Walter Larson	Carrington, N. D.
Melvin C. Ferguson & Sons	Laurens, Iowa	E. H. Thormodsgaard	Hudson, S. D.
Bert Borek & Sons	Sioux Center, Iowa	A. R. Lidel	Pierpont, S. D.
E. C. Bolson	Decorah, Iowa	Wm. DeNeui	Chancellor, S. D.
H. B. Warner	Dakota City, Nebr.	Frank VanderDoes	Gary, S. D.
Henry Larson	New Ulm, Minn.	Edgar Dick	Castlewood, S. D.
B. O. Rue & Sons	Lakefield, Minn.	Harley Davis	Parker, S. D.
A. Lopau & Sons	Pipestone, Minn.	Jones Bros.	Parker, S. D.
A. C. Constable	Lakefield, Minn.	David Finn & Sons	Valley Springs, S. D.
Huso Bros.	Minneota, Minn.	Lawrence Thies	Flandreau, S. D.
Newell Bros.	Adrian, Minn.		

Plan now to attend. Come early and see the cattle judged. Write for free catalog mentioning this paper.

JOHN F. WHITE, Secretary, Box 199, SIOUX FALLS, S. DAK.
Auctioneer, J. E. Halsey — Maurice Boney, Fieldman

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DISPERSAL

Complete dispersal of one of Minnesota's finest farmer-breeder herds

60 REG. HOLSTEINS

23 Cows, 2 to 6 yrs.
10 Bred Heifers
10 Heifers, 7 to 11 mos.
6 Bulls, 9 to 13 mos.
10 Young Calves
1 Herd Sire

A QUALITY HERD

Splendid type and popular breeding. In 1947 (last year in DHIA) 26 2-year-old heifers averaged 437 lbs. fat. 6 of the cows are by King of the Pearls and 8 by Martyholm Premier Oostie, son of a Wisconsin State champion.

THE HERD SIRE

FRANLO CHIP ORMSBY BEST, a 4-year-old show bull, by the famous All-American, "Chip," and from a National Dairy Show grand champion.

CALFHOOD VACCINATED 3 YEARS. NO REACTORS.

SAT., OCTOBER 1

1 P. M. at the Somers Farm, 4½ mi. north of Faribault, Minn., on Highway 65 and 1 mi east.

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G. R. MELIN
4529 Bryant Av. S. Minneapolis 9, Minn.

Purebred Shorthorn

CLUB CALVES

CHEROKEE, IOWA
OCTOBER 8th

50 Steer Calves — 25 Registered Heifers

Calves from our precious sales have stood high at many of the local and regional shows. All calves from registered sires and dams . . . carry tattoo marks for full breeding information. The 25 heifers are a choice lot already registered and ready to work herd improvement. For further information address

OTTO THIEDE & SONS, Owners
Burton, Nebraska

Auctioneer, Harry Dewar, Cherokee, Iowa
Maurice Boney, Fieldman

Type Conference and Sale

HEREFORD HOGS

Sale at Fair Grounds

Marshalltown, Iowa, Oct. 11th

75 HEAD Selected with care from best herds. Good quality, rich breeding. We feature fair winners and individuals from **Production Registry** litters. . . . Also individuals that have completed efficiency of **GAIN** records. **COME!** Ask now for **FREE** catalog. Address

HARRIS SELLERS, Jr., Secy., Chariton, Iowa
National Hereford Hog Record Assn.

SPOTTED POLAND SALE

At Farm

WINFIELD, IOWA, OCT. 5

70 50 choice spring boars, 20 good open gilts, sired by **BAR NONE, SUPER DELUXE, CORRECTOR,** and **SILVER QUALITY.** Included is 6th boar at Illinois by **BAR NONE** and 7th boar at Iowa by **SUPER DELUXE.** Others of like merit. Good heavy boned, thick hammed, excellent loin, with length and smoothness. Ask for **FREE** catalog. Kindly mention this publication.

EARL KELLOGG & SONS
WINFIELD - - - IOWA

SPOTTED POLANDS

Public Sale at Sale Barn

ALLISON, IOWA, SEPT. 22d

50 Choice spring boars by **SPECIAL DELUXE,** 1948 Missouri grand champion and **MEMORY PRIDE.** Breeding, type and quality. **COME!** Ask for **FREE** catalog. Kindly mention this publication.

NIEHAUS BROS.
Greene, Iowa

DUROC SALE

At farm, 2 miles east

CORYDON, IOWA, SEPT. 29th

STARTING 1:00 P. M.

20 BOARS — 25 GILTS

Choice quality, well-grown by **MODERN PRIDE,** type of Modern Trend. One top litter by **TOP STAR, 1948** Missouri grand champion. Best in blood lines, all deep red in color, thick, deep with length and merit. Ask for **FREE** catalog. Kindly mention this publication.

BEN IVINS, CORYDON, IOWA

OUR ADS ARE NEWS

HEBNER'S DUROC SALE

NIGHT — OCTOBER 3, 1949

At the farm, 5 miles west and 1½ miles north of

GOLDFIELD, IOWA

35 MASCULINE BOARS — 15 TYPY GILTS

If you are going to raise and feed hogs why not use a boar that will give you the kind that can and will grow. The get of **ROYAL GRAND** selling in this choice offering will add bone, substance, and feeding ability to your herd. The type and quality will please the most critical of buyers. There will be other outstanding prospects sired by **FLEETLINE,** 1947 Iowa Jr. Champion, **RED DIAMOND,** '49 Minn. Jr. Champ., and **TOP STAR,** '48 Mo. Gr. Champ. A careful selection which will make up one of the season's better offerings. They are good doers, have even lines, ruggedness, and quality. We are confident you will find the animal to suit your needs in this good offering. We would like for you to be with us sale night, but if unable to do so Maurice Boney of Wallaces' Farmer and Iowa Homestead will give careful attention to your buying instructions. Write now for **FREE** catalog mentioning this paper.

CARL HEBNER — **GOLDFIELD, IOWA**

Auctioneer, H. J. McMurray — Maurice Boney, Fieldman

PRODUCTION-TESTED

DUROC SALE

At farm, 3 miles north on Highway 136 of

Dyersville, Iowa
Wednesday, Oct. 5
1:00 P. M.

40 BOARS — 25 GILTS

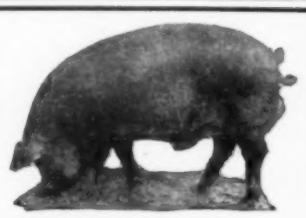
Our 12 Production litters averaged **400** pounds at 56 days. They are mostly sired by the great boar, **TRANSMITTER.** You will look a long way to find any better.

- The Jr. and Grand Champion Boar of the strong All Iowa Fair at Cedar Rapids sells!
- The Production litter of the 1949 Iowa Grand Champion Sow sells! Litter of 10 pigs weighed **2,492** pounds at 180 days.
- The 1949 Iowa Reserve Champion litter also sells.

Quality plus **Production-Tested** Durocs make up this good offering. Plan now to attend and see for yourself. Ask for **FREE** catalog. Kindly mention this publication.

GREGOR VASKE & SONS, DYERSVILLE, IOWA

QUALITY DUROCS



Sale at farm, located north of Washington and southwest of

RIVERSIDE, IOWA
SATURDAY, OCT. 8th

30 TOP BOARS — 30 CHOICE GILTS

A grand offering selected from a large number and one of the best herds of the breed. Included are 3 full brothers to 1949 Iowa Junior Champion by **FENMAR ROYAL ADMIRAL,** Illinois Grand Champion, Dam litter mate to **RED VELVET,** 1948 Indiana grand champion. Other winners out of Iowa's strongest Duroc Show. Real herd boar prospects, great individuals out of **PR** Dams. They are sired by **POWERHOUSE, FENMAR ROYAL ADMIRAL, COMPREST, BANNER** and **MODERN TIME.** Breeding unsurpassed. The type, quality and merit will please. **COME!** Ask for **FREE** catalog. Kindly mention this publication. Address

KNOTEK BROTHERS, RIVERSIDE, IOWA

THOMAS DUROC SALE

Sale at Farm

50 HEAD — 25 BOARS — 25 GILTS

Iowa City, Iowa, October 6th

A grand offering selected from a large number and one of the best herds. The 25 boars and 25 gilts are well grown, pleasing in type with excellent quality. Sired by **KAYWARD LEADER,** 1948 Iowa Reserve grand champion and **KAYWARD SUN,** a foremost Junior prospect. All fed and produced with the **"BUYER"** in mind. Outstanding boars, herd boar prospects. Gilts of foundation character. Special opportunity for **4-H** and **FFA** club members. **COME!** Ask now for **FREE** catalog. Kindly mention this publication.

A. B. THOMAS & SON, R.F.D., IOWA CITY, IOWA

Better Quality Durocs

In comfortable FFA barn

Iowa Falls, Iowa, Tues., Oct. 4th

50 HEAD — 30 TOP BOARS — 20 CHOICE GILTS

A grand offering selected from two top herds . . . sired by **GOLD KNIGHT, BREEDERS' FANCY BOY, GOLD'S DESIRE** and **TRIM LEADER.** Included are two litter mate boars by **BREEDERS' FANCY BOY,** that stood 2nd and 3rd in Senior Spring Boar class at 1949 Iowa State Fair and stood next to Iowa Junior Champion. Also 3rd prize gilts from same litter. This litter made up the 1st **Produce of Dam** . . . 1st **Young Herd** and 3rd **Breeder Feeder** litter. Others of like merit. Our herd was among the high winners in the pig classes at Iowa State Fair . . . Its strongest **DUROC** show in history of the fair. Evidence we are producing the right type. **COME!** Ask now for **FREE** catalog. Kindly mention this publication. Address either

WILLARD KLEIN, IOWA FALLS, IOWA
or KERMIT NEUBAUER, IOWA FALLS, IOWA

When writing to advertisers, will you please mention this paper?

Hampshire

Boar and Gilt Sale

BROOKLYN, IOWA

OCTOBER 3

Night Sale

50 35 choice spring boars and 15 open spring gilts. One of the oldest and most reliable herds of the breed. We offer meat type, growthy pigs, from large litters. The kind commercial pork producers and farmers demand. **COME!** Ask now for **FREE** catalog. Kindly mention this publication. Address

ALLEN LANG & SON,
Brooklyn, Iowa

YORKSHIRE HOG SALE

WEDNESDAY EVENING
7:00 P. M.

SEPTEMBER 28, 1949

70 HEAD

Bred Gilts, Open Gilts and Boars

Sale includes first prize Junior Spring Boar at Illinois State Fair and four full brothers and two sisters from a litter of eleven.

Some of the late fall gilts bred to the Illinois State Fair Junior Champion Boar for early October litters.

Visit this sale and see the largest herd of Yorkshire hogs in the Middle West. Over 700 to choose from. Write for catalog.

Maryland Farms, East Moline, Illinois

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AN ALL-STAR

DUROC SALE

At farm, 2 miles east and 6 miles south of

RADCLIFFE, IOWA

Monday, October 3rd

1:00 P. M.

30 BOARS — 20 GILTS

This will be one of the attractions of the season. You will find pig after pig of top quality, sound, stylish masculine boars and fine gilts. We have selected carefully from a large number of pigs mostly sired by **STYLE BLENDER**, our 1948 Iowa Grand Champion, and **SIR VALIANT**, our 1949 Iowa Grand Champion.

A well grown offering with breeding at its best. We will also have feature litter for our 4H customers who want top individuals of new blood lines. Make your plans now to be with us sale day. Ask for **FREE** catalog. Kindly mention this publication.

PEARSON STOCK FARM
Radcliffe, Iowa

HESS'S

POLAND China Sale

WORTHINGTON, IOWA

SEPTEMBER 27, 1949

NIGHT SALE

40 HEAD For my annual sale we have selected our top spring boars, sired by **PURE DIAMOND**, 1948 Iowa grand champion; **REVELATION**, and **A. WONDER**. Best in breeding. One of the outstanding offerings we ever sold. They will please. **COME!** Ask now for **FREE** catalog. Kindly mention this publication.

O. J. HESS,
Worthington, Iowa

Poland Sale

At Farm located 7½ miles east on No. 6

OAKLAND, IOWA

October 12, 1949

NIGHT SALE

40 Top Boars
30 Choice Gilts

One extra good fall boar, 39 excellent spring boars, 30 fine gilts. All well grown, displaying real type and merit. Sired by **TOP BOUNCER** and **NEW LEADER**, a son of Fabulous. Best in blood lines. You will like them. COME. Ask now for FREE catalog. Kindly mention this publication.

WALTER H. BUSSE
OAKLAND - - IOWA

POLAND SALE

Sale at farm

RYAN, IOWA, SEPT. 28th

90 45 boars and 40 gilts, 5 sows with litters. All well grown and stout type. Sired by **DIMENSION'S BEST**, **JACK SPOT SPECIAL**, **SUPREME LAD**. Good breeding. You will like the quality. Ask for **FREE** catalog. Mention either

JOHN SUPPLE, RYAN, IOWA
J. J. HUBER, COGGON, IOWA

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FARMERS HYBRID HOGS

A Complete Breeding Program

Farmers Hybrid Hog Breeding Program is not an experiment. Its benefits have been proven and accepted on thousands of midwest farms.

The benefits of Farmers Hybrid Hog Breeding Program may eventually exceed those that have come through the use of Hybrid Seed Corn.

NOW is the time to reserve a *Farmers Hybrid Boar* for delivery this fall. They are going fast. See our local sales-service man or write immediately to

FARMERS HYBRID HOGS
HAMPTON, IOWA

All Farmers Hybrid Boars are vaccinated for cholera and blood tested for Bangs Disease.

5TH NATIONAL

YORKSHIRE BOAR & GILT

SHOW AND SALE

Davenport, Iowa, October 7th & 8th

50 HEAD

Selected from America's best herds, rich in breeding, pleasing in type and quality. The breed that has a strong appeal to our best hog producers . . . because they are real MONEY-MAKERS. Plan to attend. Ask now for FREE CATALOG. Kindly mention this publication. Address

WORLD'S RECORD
The world's record litter of 19 head will be exhibited in the lobby of Blackhawk Hotel, Davenport, Iowa. You will want to see them.
COME!

BOB SHANNON, Wallace Bldg., LAFAYETTE, INDIANA
AMERICAN YORKSHIRE CLUB

QUALITY POLAND CHINAS

At farm, 2 miles east of

MASON CITY, IOWA, SEPTEMBER 30, 1 P. M.

Featuring the Get of Mandarin, 1948 Iowa Grand Champion

A grand offering of medium type Polands with good rugged bone and long smooth bodies. Top boars by **MANDARIN** out of dams by **BIG NEWS**, 1948 Spencer Fair Grand Champion. Other top individuals by Blood Bank, Foresmost, Sun Rose, The Recount, Rebounce, Colonel D., and Big News. Good boars of proven ancestry cost no more . . . they pay! Make plans now to attend this sale as their wide loins, deep sides and straight legs will please you. Free lunch will be served at 12 noon. Write today for your FREE catalog and kindly mention this publication.

EMMERT FARM, MASON CITY, IOWA

Buy a Bond to Help Your Country and to Help Yourself in Later Years

Fieldman, Our Herd Boar

Chester Dispersion

At farm north of

OLIN, IOWA, SEPT. 27th

Starting at 1:00 P. M.

65 Head You will find herd boars, fall boars, spring boars, bred sows, sows with litters and spring gilts. Sired by **FIELDMAN**, (Illustrated here) **ELDORADO MODEL**, **SUPER CLIMAX** and a son of **WHITE GOLD**. Good breeding. The quality will please. Come. Ask for **FREE** catalog. Kindly mention this publication.

HENRY JURGENSEN,
OLIN, IOWA
Auctioneer, M. E. C. Jurgensen.

SPOTTED POLAND SALE

At Farm

DAVENPORT, IOWA

OCT. 3, 1949

60 HEAD

35 BOARS — 25 GILTS

One of the best offerings we ever sold. Sired by **DIAMOND "C"**, a son of Diamond T., one of the greatest boars in Nebraska. Others by **ROBINHOOD "C"** a No. 1 boar in Golf sale, a son of a grand champion Robinhood, and **PLUTO** by the great Boar . . . good breeding . . . best quality. Plan to attend. Ask now for **FREE** catalog. Kindly mention this publication.

JOHN CLAUSSEN & SON
R. 3, Davenport, Iowa

SPOTTED POLAND SALE

BLOOMFIELD, IOWA, OCT. 1

Night Sale, 7:30 P. M.

30 BOARS — 30 GILTS

Choice well bred boars and gilts sired by **LISTER'S LOW DOWN**, **KING JORDAN**, **MAJESTIC** and **CONQUEST**. Breeding that will please, excellent quality. **IOWA** winnings: 1st, 2d heavy barrow; 1st Pen; 2d light pen, reserve champion pen; 1st senior Yr. sow; 1st Sr. Gilt; Junior champion sow; 57 other worthy prizes. Ask for **FREE** catalog. COME.

I. C. LISTER & SONS
Bloomfield, Iowa

Spotted Polands

Sale at farm 6 miles east on No. 9

Rock Rapids, Iowa, Oct. 3rd

Starting at 1:00 P. M.

48 2 choice fall boars of top quality, 36 excellent spring boars, 8 bred sows and 10 open gilts, sired by **STEAM BOAT** by Dream Boat, **MASTERALL** a son of Masterall, **PLAYMATE** by Pioneer, **PLAY BOY** by Meadbrook and **GRANDVIEW PRINCE**. Best in breeding. They have points of size and easy feeding type. **COME**. Ask now for **FREE** catalog. Kindly mention this publication.

JULIUS F. ROTHS,
ROCK RAPIDS, IOWA

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THE WIGBYS

Pepper Picks Pop's Pocket

MORE THAN
½ MILLION
FINE CALVES HAVE BEEN RAISED WITH THE HELP OF KAFF-A
Order from your feed dealer today.
KAFF-A
CONSOLIDATED PRODUCTS CO. • DANVILLE, ILL.

Minnesota State
MILKING SHORTHORN SALE
At Bradford Sale Barn
MANKATO MINNESOTA,
Wed., Oct. 19th

40 CHOICE FEMALES
10 TOP HERD HEADERS

Your crop can be no better than the seed you plant . . . Your future herd depends upon your present seed stock.

Get tried and true dual-purpose inheritance Gopher Milking Shorthorns. This is our Show Window. Come and shop. Ask for **FREE** catalog. Kindly mention this publication. Address

R. E. HODGSON, Secy.,
Waseca, Minnesota

Minnesota Milking Shorthorn Association
Auct., Buritt Allen Roy McMartin, Sale Mgr.

Marion County
4-H Opportunity
Angus Sale
At Bingley sale barn
KNOXVILLE, IOWA
SAT., SEPT. 24th
40 CHOICE 4-H STEERS
30 BEAUTIFUL HEIFER CALVES
15 GRAND COWS WITH BIG CALVES

Your opportunity to make selections . . . open to all. **MARION** County offers real quality in Angus cattle—you buy at your own price. Ask for **FREE** catalog. Kindly mention this publication. Address

HERBERT CLINE, Secy.,
Bussey, Iowa

CHAMPION BROWN SWISS
Breed on our farm, famous blood lines.

Our Junior Herd bull **JUDD'S BRIDGE FRANKLYN** was 1949 Iowa grand champion
"JANE OF VERNON"
Blood lines that produce winners. Choice young **BULLS** and **FEMALES** offered, with type and production.

CARLETON D. BEH FARMS
832 Des Moines Bldg., DES MOINES, IOWA

Advertisement

From where I sit ... *by* Joe Marsh

Now They're Sitting Pretty

Squint Miller, who's working as a telephone lineman, was telling me about some birds that got into a fight with his company.

Seems a couple of woodpeckers set up housekeeping in a telephone pole. Nobody minded them *living* there, but they kept pecking at the wires—causing one short circuit after another.

Finally, the telephone people—who had nothing personal against the birds—just stopped up the hole where they lived. But they kept coming back. At last, the company donated that pole to the woodpeckers and set up a brand-new one for their own use!

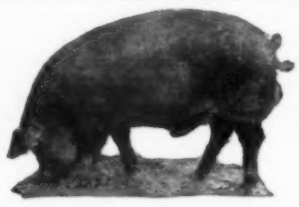
From where I sit, we'd all be better off if we were as tolerant with our own kind as that telephone outfit was with the woodpeckers. Let's consider the other fellow's point of view—whether it's his right to live where he wants, or to enjoy a friendly glass of temperate beer or ale when and if he pleases.

Joe Marsh

Copyright, 1949, United States Brewers Foundation

NEED A GOOD BOAR OR GILT?
CONSIDER THESE ADVANTAGES

60 TOP DUROCS
Selling at Sales Pavilion, 1:00 P. M.
SATURDAY, OCTOBER 1st
SAC CITY, IOWA



30 Grand Boars and 30 Spring Gilts Selected from Over 400 Pigs

During the past winter 60 DUROC sows and gilts of the most popular and proven blood lines were selected from the leading sales of the Mid-West. They were mated to 20 noted sires of the breed. The litters have been raised under the supervision of Verl Ringgenberg, Manager, by worthy Pig Club Boys with the cooperation of their fathers. The boys grew their pigs on clean pasture range and fed a balanced ration. They will be selling in thrifty breeding condition and will respond to normal care and make good for the average livestock farmer. The entire offering has been carefully selected and represents such noted sires of the breed as: **FLEETLINE, MR. BLUE PRINT, COMPREST, STYLE BLENDER, MODERN TREND, FLEETLINE'S PRIDE, RED DIAMOND,** and many other outstanding boars. The only sale of this kind of the season where the commercial hog producer will have such a grand selection of blood lines and quality. Plan now to see this splendid offering. Please mention this paper when writing for your **FREE** catalog. Address

WHITE CAP FARMS
VERL RINGGENBERG, Mgr. Box 501, STORM LAKE, IOWA

LINE-BRED HAMPSHIRES
At farm, located east of Cedar Rapids, Iowa, and ½ mile east of
LOST NATION, IOWA
Wednesday, October 5, 1949
STARTING AT 1:00 P. M.

Top quality boars and gilts. A unique offering by **BLENDER BONUS**, a line-bred Glory Bound boar sired by Blender Bound. The dams are line-bred **CLANS** . . . the result of years of following a definite and constructive breeding program. The only place anything like them can be obtained. They have exceptional uniformity, large litters, size and feeding qualities bred into them. Produced especially for the **FARM** trade . . . you will like them, they are real **PROFIT-MAKERS**. Ask for **FREE** catalog. Kindly mention this publication.

ORBEN SCHOFF **LOST NATION, IOWA**

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Notice—Unsatisfactory dogs must be returned within time specified by advertiser. Buyer always pays express charges (both ways if dog is returned) unless advertiser states in advertisement that he will do so.

Shomont Collies
Workers—Companions—Guards. Write for free lists.
SHOMONT FARMS AND KENNELS
MONTICELLO IOWA

WANTED TO BUY
Good English Shepherd or Collie Pups
Write Box 1, Wallaces' Farmer and Iowa Homestead

GENUINE ENGLISH SHEPHERD PUPS
Guaranteed heelers. Year's trial, training instructions. Males, females or spayed females.
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BEST YET
ENGLISH SHEPHERD PUPS
Guaranteed to bring home the cows. Year's trial. Choice of sex. Spayed females a specialty. Priced right.
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Purebred Border Collies English Shepherds
America's most useful dogs. Puppies all ages. Both sexes. Choice selections. Faithful workers. Satisfaction guaranteed.
We breed and sell our own stock.
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SHEPHERDS, COLLIES
ENGLISH SHEPHERD, OR COLLIE PUPS for watch and stock. Also registered Scotch collies. Reasonable.
ZIMMERMAN FARMS FLANAGAN, ILL.

GENUINE ENGLISH SHEPHERD AND COLLIE PUPS
Guaranteed heel-drivers (no fooling). Year's trial, training instructions. (50,000 satisfied customers.) Males — females — spayed females specialty $15.00. (Distemper vaccinated.)
EMIL RUNFT REINBECK, IOWA

COON AND MINK DOGS
BROKE AND STARTED.
Also Beagle females and Fox dogs drive up trail.
FLOYD KLINDER JANESVILLE, MINN.

SHEPHERD PUPS
FOR SALE—Pups. Parents are excellent stock dogs. Male **$10.00.** Females **$8.00.**
GUARANTEED
NOAH A. YODER R. 2, KALONA, IOWA

ABERDEEN ANGUS
62 Registered
ANGUS BULLS AND FEMALES
at auction
MONTEVIDEO, MINNESOTA
SEPTEMBER 24th
by the Minnesota Association. For **FREE** catalog write to
C. C. CHASE **PIPESTONE, MINN.**

Fitch's Angus Bulls
For sale, my good five-year-old herd bull, Blackcap Banbolier I. Also choice sons and daughters by him. Attractive prices. Come and see.
JOHN H. FITCH LAKE CITY, IOWA

AYRSHIRES
Northeast Kansas District
AYRSHIRE SALE
OTTAWA, KANSAS, SEPT. 29th
Night Sale 7:30 P. M.
50 Choice cows, bred heifers, springing heifer calves. 3 service age bulls. Good herds in Eastern Kansas represented. Good record cows. Write for **FREE** catalog. Kindly mention this publication.
Donald Alford, R. 2, Lawrence, Kansas

PAW TUCKER—"There's No Place Like Home"

5,500 FEEDER CALVES

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From Top Hereford and Angus Herds

900 Hereford ....October 3
1900 Angus ......October 4 and 5
At Unionville, Missouri
1000 Hereford and Angus...Oct. 6
At Bethany, Missouri
800 Hereford and Angus...Oct. 7
At Milan, Missouri
900 Hereford and Angus...Oct. 8
At Princeton, Missouri

Direct inquiries to
Don C. Pollock, Mgr., Unionville, Mo.
D. D. Johnson, Mgr., Bethany, Mo.
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HEREFORDS

CHOICE HEREFORD BULLS FOR SALE

I am now offering one yearling bull for sale, sired by Prince Lamplighter, out of a dam by Return Domino W. 32d. Also one good 2-year-old bull by Return Domino and 9 younger bulls. Write or come and see me. Address

D. A. SPOONER MONDAMIN, IOWA

SHORTHORNS

CHOICELY BRED SHORTHORN BULLS

We are now offering 5 head of October and November Shorthorn bulls for sale. Red in color, sired by Ideal Ramsden, and out of Augusta and Orange Blossom cows. These are ready for immediate use. Also some very choice Shorthorn cows and heifers. Write or come and see them. Address

BOCHMAN BROS. HOLSTEIN, IOWA

SHORTHORN BULLS

Serviceable age, most of these bulls are sired by Shadybrook Sensation 45th X2324777, and include outstanding Polled herd headers. Priced to sell.
OTTO F. SCHRUNK & SONS, MAPLETON, IA.

POLLED SHORTHORNS

POLLED SHORTHORN BULLS

Choice quality, rich breeding. Reasonable.
Phone, wire, or write
BERT A. HANSON
VERNON CENTER MINNESOTA

DAIRY CATTLE

WISCONSIN DAIRY CALVES

Heifer calves, about month old. Top quality Holsteins or Guernseys. 4 for $165.00 delivered. All charges prepaid. Will ship C.O.D. Order from this ad. Satisfaction guaranteed.
CHANDLER FARM LAKE GENEVA, WIS.

Holstein-Guernsey Heifers

Good open HOLSTEIN Heifers weighing about 700 lbs. Good GUERNSEY Heifers weighing about 600 lbs. Also MONTH old heifer calves to be picked up here at REASONABLE prices. Phone 414-W2.
JAY W. JONES, JR. HARVARD, ILLINOIS

HOLSTEINS AND GUERNSEYS

Choice Heifer Calves. Month old, from Wisconsin's selected high production cows. Also beautiful bred and open Holstein heifers.
GREENWALD BROTHERS
Belford Dairy Farms MUKWONAGO, WIS.

GUERNSEY AND HOLSTEIN HEIFER CALVES

Good strong, carefully selected Guernsey or Holstein heifer calves, purebred, not subject to registry. $45 on express car, older calves $50. 10 to 25 delivered by truck to your farm on approval. Also a few Brown Swiss calves.
H. R. LORDELL MUKWONAGO, WIS.

WISCONSIN DAIRY HEIFERS

Choice heifers out of good producing herds. 250 lbs. and up, one or a carload. HOLSTEINS from 17c to 18c per pound. GUERNSEYS from 16 to 17c per pound. Phone or write.
LINK BROS., Inc. MINONG, WISCONSIN

GUERNSEYS

CHOICE GUERNSEYS

Several groups of good registered and grade cows and heifers (springers). Choice heifer calves for 4-H 1950 project. Several bulls serviceable age, A.R. dams. Popular blood lines. Tested. Reasonable.
L. E. DENNIS, SR. Box 266, Farmington, Ill.

HOLSTEINS

HOLSTEIN

HIGH GRADE COWS AND HEIFERS
to freshen this fall.
R. C. JONES
Phone No. 61 WEST CONCORD, MINN.

HOLSTEIN BULLS

Grandsire of Carnation and Posh breeding. Serviceable age. You will like them.
SHOMONT FARM MONTICELLO, IOWA
R.F.D. No. 2 LaGrance 388

JERSEYS

JERSEY BULLS

Registered bull calves. Every calf from a good cow. Herd averaged 420 lbs. butterfat per cow for 13 years. Herd free T.B. and Bangs

J. J. NEWLIN
Polk County Johnston, Iowa

GOLDEN SUNSET JERSEYS

Young bulls and bull calves. Best breeding. Herd production. $100 and up. Two 5-Star sons of XENIA SPARKLING STANDARD in service. FREE list.
ENNIS DAIRY FARM,
Festus, Missouri

Jersey Bulls—Females

Choice bull calves from high producing CLASSIfied Dams. Our 1948 H.I.R. Herd Average 9,437-lbs. fat. Also Young Cows and Heifers. Priced right.
ARTHUR G. MEYER HOLSTEIN, IOWA

MILKING SHORTHORNS

MILKING SHORTHORNS

Choice bulls and females. Desirable quality. Bates B blood lines. 21,641,957 lbs. Now using Admiral Chief. 11 nearest dams 12,767,510 lbs. Reasonable. Write or visit.
SAAB BROS. LAWLER, IOWA

MAKE MORE PROFITS UNDER AVERAGE FARM CONDITIONS —RAISE MILKING SHORTHORNS

For the average farmer, Milking Shorthorns are unbeatable. Produce 4% milk. Have greater carcass value than other breeds. Second to none in producing milk and meat from home-grown roughage and grain from your farm! Free facts. Or subscribe to Milking Shorthorn Journal. Six months, $1.00; $2.00 per year; 3 years, $5.00. AMERICAN MILKING SHORTHORN SOCIETY • Dept. WF-5 4122 SOUTH UNION • CHICAGO 9, ILLINOIS

RED POLLED

RED POLLS

Choice bulls, all ages, by 1948 Minnesota State Fair 1st prize aged bull. Dams with D.H.I.A. records. Farm 10 miles east on paved highway.
STUDER BROS. Rt. 5, AUSTIN, MINN.

BERKSHIRES

PRODUCTION-BRED BERKSHIRE SALE

At Fairgrounds
SIOUX FALLS, S. D.
NIGHT, SEPT. 26th

Our PR litters in the All-Production-Bred offering averaged 471 pounds at 56 days.

- 703 pound litter of 14 pigs.
- 556 pound litter of 11 pigs.
- 391 pound litter of 9 pigs from '48 Iowa Jr. Champion Sow and '48 Nebr. Jr. Champion Boar.
- 363 pound litter of 10 pigs.
- 342 pound litter of 8 pigs.

Choice boars and gilts from the herd that exhibited Sweepstakes 10 head of barrows over all breeds and Champion Hvy. Wt. carcass and Reserve 10 carcasses at the 1947 International show. Kindly mention this paper when writing for your FREE catalog.

EUGENE SPIELMAN
Harrisburg, South Dakota

Good Berkshires

MAPLE GROVE CRITIC 5th
1949 Ia. Grand Champion

Choice, large rugged boars and gilts, ideal type with quality by MAPLE GROVE CRITIC 5th, 1949 Iowa grand champion. Others by MAPLE GROVE BARON 23rd and JUPITER. Reasonable.

Eugene E. Fitz, Melbourne, Iowa

BONNIE ACRES FARM

Berkshire Hogs — Hereford Cattle
Spring and fall boars. Full brothers to 1949 Iowa Jr. Champion. Large selection priced to sell.
TOM CONOVER HOLSTEIN, IOWA

BERKSHIRE BOARS

Now offering a wide selection of choice fall and spring boars. Popular bloodlines. Immune. See these before you buy.
JOHN H. FITCH LAKE CITY, IOWA

CHESTER WHITES

IF YOU ARE INTERESTED IN
Chester Whites
Write The Chester White Swine Record Association, Rochester, Ind.
Ask For a Sample Copy of

The Chester White Journal
Published Monthly, 1 yr. $1, 3 yrs. $2

THE DEAN

CHESTER WHITES

50 growthy, high quality boars from one of the top sow herds of the breed. Sired by THE DEAN, by Modern Ace, and H. MODEL TREND. Priced to sell. Write or visit.

B. F. HELD & SONS, HINTON, IA.

Chester White Boars

55 top quality boars sired by PORTAGE ELATION, DANDY MODEL and COPP'S GRANDMASTER. Some state fair winners. New blood for old customers. Write or visit.

ROY V. COPP GLIDDEN, IOWA

CHESTER WHITE BOARS

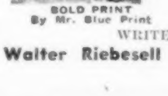
Ten outstanding individuals, March and April farrow by PERFORMANCE CHIEF 558527, PRODUCER'S PROFESSOR, LUCKY'S MODEL LAD and WHITE KING 569877 bred by Oklahoma A.&M. College. Anyone looking for a good herd boar, well-grown and the type in demand today, with a well balanced body, excellent Ham and good feet, with smoothness, size and quality all the way around, inspect our herd. New blood for old customers. Immuned. Pedigree furnished. 45 years breeding purebred Chesters. Reasonably Priced. Visit us or write.
F. H. SCHMADEKE & SONS, CLARKSVILLE, IA

PUREBRED CHESTER WHITES

Choice spring boars and gilts, also fall boars. Best blood lines. One or a truck load. The kind you like. Farm 6 miles of Corning on No. 34. Price right.
LEONARD MORRIS PRESCOTT, IOWA

DUROC JERSEYS

IMPROVE YOUR DUROCS



BOLD PRINT
By Mr. Blue Print

with a spring boar sired by
BOLD PRINT
or by
GLORY BOUND
1st at Missouri
A grand selection
WRITE OR VISIT

Walter Riebesell Calumet, Iowa

FEED BOLSON FEED *See the Difference!*

DUROC JERSEYS

20 DUROC BOARS 20

Sired by Red Leader and out of Low Set dams. Real herd prospects. Plenty of width and good ham. Reasonable.
NICK N. KIRSCH CARROLL, IOWA

40 DUROC BOARS 40

We are now offering 40 very choice boars, the tops from our herd. Breeding and quality unsurpassed. Immune. Visitors welcome.
REICHERT BROS. CORNING, IOWA

DUROC BOARS AND GILTS

65 big, rugged boars and 30 outstanding gilts. Sired by Leaders King, Charston Ace and Red Pride. The tops of 200 spring pigs.
JIM HAGAN GLIDDEN, IOWA

DUROC BOARS

50 extra choice registered boars, smooth, deep, heavy-hammed. These are the same high quality that have been produced for years by this pioneer herd. New blood for old customers.
SAM ROBERTS & SONS JEFFERSON, IOWA

DUROC BOARS AND GILTS

Well grown, plenty of stretch, good colors, a large number to select from. Sired by Fancy Promoter, Bigbone Diamond, and Proud King. Priced for quick sale. Come or write.
DOWIE SMIT HULL, IOWA

BIG DUROC BOARS

15 Choice Rugged Boars
Some winners at state fair.
Best of breeding.
Good individuals.
ERNEST McDERMOTT ANITA, IOWA

DUROC SPRING BOARS

Tops from 200 head, thick easy-feeding type that finish at any age and grow big. Have bred this kind 30 years. Priced reasonable. Write or visit herd.
N. W. TOPF & SONS SALIX, IOWA

HAMPSHIRES

CHOICE HAMPSHIRE BOARS

Well grown and popular blood lines. These are the pick of our large spring crop. The kind the breeders and farmers like. Write or visit the farm. Immune.
PHILLIP JOHNSTON & SONS, CASTANA, IA.

HAMPSHIRE BOARS AND GILTS

Choice purebred boars and gilts by NEW BOUNCE, 1st at Iowa state sale. Brothers and sisters of A NEW BOUNCE, Junior and grand champion All-Iowa Fair. Real type, rugged, with quality. Reasonable.
CLARENCE J. SUPPEL & SON, SOLON, IOWA

MINNESOTA NO. 1 HOGS

MINNESOTA NO. 1—INBREDS

Choice Registered Boars ready for service. Also weanling pigs, either sex. Immune. Large average litters. "Our 1948 Spring and Fall litters weighed 230 lbs. and 240 lbs. at 160 days" and topped MARKET each time. You will like the cross.
J. B. MACKOY FARRAGUT, IOWA

Minnesota No. 1 and No. 2

Choice select registered sows and gilts bred for fall farrow. Also top quality spring BOARS ready for service. Reasonably priced. Farm 2 miles southeast.
WILLIAMS BROS. FAIRFAX, IOWA

HEREFORD HOGS

HEREFORD HOGS
NEW! DIFFERENT! DISTINCTIVE MARKINGS!
SHIPPED C O D YOUR APPROVAL
FREE CIRCULAR
VALEHURST FARMS, PEORIA, ILL.

HYBRID HOGS

HYBRID BOARS

Bred like and perform like HYBRID corn . . . over 38 different lines will be available to genetically fit your sow herd. Dealership available. Circular FREE.
WILSON HYBRID HOG ASSN., HARLAN, IA

POLAND CHINAS

LIVESTOCK FOR SALE

Swine
Cross-line Poland China Boars.
Sheep
Yearling Shropshire and Hampshire Rams
Dairy Bulls
of the Ayrshire, Brown Swiss, Guernsey, Holstein and Jersey breeds.

ANIMAL HUSBANDRY DEPARTMENT
Iowa State College Ames, Iowa

TOP QUALITY POLANDS

Offering a grand selection of spring boars and gilts. If you want them rugged, deep bodies, thick hams and heavy bone be sure to see these before you buy. Come early and select the tops. Popular prices. Cholera immune.

LYLE COCKERTON WHITING, IOWA

HILL BROOK FARM POLAND CHINA BOARS

This herd has the benefit of 40 years of breeding experience, for size, easy-feeding quality, and breeding. They are second to none. 50 head of March farrowed boars, priced to sell. We want satisfied customers and deal accordingly.

OTTO F. SCHRUNK & SONS
Mapleton, Iowa

POLAND CHINA BOARS

Choice registered boars, top quality, good breeding, excellent type and merit. REASONABLE. Farm 1½ miles east.
FRANK ROTNICKE, R. 1, DANBURY, IOWA

POLAND BOARS

30 choice well grown boars, rich in breeding. Good type and quality.
C. W. CREES BAYARD, IOWA

POLAND CHINA BOARS

Now offering choice spring boars sired by Flavor Blend. Good type and breeding. They will please you. Immune.
NICK N. KIRSCH CARROLL, IOWA

SPOTTED POLAND CHINAS

SPOTTED POLAND SALE
NIGHT — OCTOBER 10th
EDGERTON, MINN.

A great offering sired by two top sires, HY-TONE and RIGHT TYPE. Take the guesswork out of your hog program by using a good boar this fall. Write for FREE catalog.

A. Lopau & Sons Pipestone, Minn.

SPOTTED POLANDS

Choice boars and gilts, March and April farrow, by top boar in Neihans Sale, he by TRUEBEAM. REASONABLE.
HENRY NICHOLS CRESCO, IOWA

Notz's Spotted Polands

Choice boars we know will please you. Sired by Monouna, Oh My and Twenty Grand. They are the right kind, the price is right.
WM. O. NOTZ & SON CRESTON, IOWA

TAMWORTHS

TAMWORTHS and YORKSHIRES
BRED GILTS . . .
OPEN GILTS . . .
and BOARS

DWAINE CLARK COLFAX, IOWA

YORKSHIRES

SOLON HEIGHTS HOME
PUREBRED YORKSHIRES

Choice Boars and Gilts, February farrow. Sired by Lookout Valley Debs Commodore 12th. Also an excellent lot of fall pigs to choose from. My place is in town. Write or better visit.

L. M. PETERS SOLON, IOWA

12th VALEHURST SURE-GAIN SALE
YORKSHIRE HOGS
PEORIA, ILL., OCT. 1st
Night Sale 7:00 P. M.

70 Head—Boars, Bred and Open Gilts including winners at 1949 Illinois State Fair, high winning show herd and winners from Canadian National Exposition. TYPE DISCUSSION: 5:00 P. M. by Prof. Knox, Ontario Agricultural College, an International authority. Many hogs bred same as our World Champion Carcass Barrow. Ask for FREE catalog.
Valehurst Yorkshire Farm, R. 4, Peoria, Illinois
Free Yorkshire Ham lunch.

PUREBRED YORKSHIRES

Canadian and local breeding. Sired by 4 great boars. Have 9.9 averaged saved per litter. Outstanding boars and gilts. Reasonable. Farm 1½ mile south.
MILO ZACH ROWLEY, IOWA

YORKSHIRE BRED GILTS

Choice sows and gilts to farrow in September. Bred to a good boar by RANCHE DUKE 140Z. Also few spring boars by GRAVEL RIDGE PAT 6Z. boar.
BEN REISDORFF DAVID CITY, NEBR.

YORKSHIRE HOGS

Registered Breeding Stock of all ages for sale.
PORTERS YORKSHIRE FARM
ELDRIDGE, IOWA
8 miles north of Davenport

PRINCE EDWARD ISLAND
YORKSHIRES

Choice breeding stock for sale at all times. Write Now.
DR. W. J. HULS, 602 E. 15th, DAVENPORT, IA.

SHEEP

KEN RU FARMS
Choice Registered
CORRIEDALE RAMS AND EWES

Best breeding . . . the type, quality and merit will please. Act now.
REASONABLE
Ken & Ruth Wagner, West Liberty, Iowa

IOWA CORRIEDALE SHEEP

You want to know all about CORRIEDALE sheep. We have just issued a NEW breed Directory with a list of members and information about the breed. Write now for FREE copy.

Ken Wagner, Secy., West Liberty, Iowa
Iowa Corriedale Breeders Association

REGIONAL SALE
COLUMBIA SHEEP
WATERTOWN, S. D., OCT. 26th
65 Ewes — 35 Stud Rams

Choice Registered high quality Ewes and Rams at the Dakota Minnesota Breeders Sale. COLUMBIAS, lead the way to more lambs . . . more wool . . . more money. 200 Rams for purebred and Commercial flocks and 140 Registered Ewes sold at following sales, Brookings, S. D., Oct. 6; Morris, Minn., Oct. 7, New Rockford, N. D., Oct. 29. Mail bids handled in business like manner. Ask for FREE literature. Address
E. M. GREGORY, 701 Black Bldg., FARGO, N. D.

SUFFOLKS & LINCOLN RAMS

Any age for sale. More mutton, more wool. Order now. Shipment made when wanted. Write or wire.
CRANDELL'S PRIZE STOCK FARMS
ITHACA, MICH.

SUFFOLK SHEEP

Registered Ram and Ewe Lambs. Ewes from yearlings to 4 years old. Lambs sired by BRIARDALE PRINCE 4Z, 1947 Iowa grand champion, who produced a 200% lamb crop this year.
JOHN H. CARSTENS SMITHLAND, IOWA

SUFFOLK RAMS

CHOICE PUREBRED RAMS
Good breeding, type and quality.
Priced Reasonable.
GEO. H. PORTER DAYTON, IOWA

BUY U. S. SAVINGS BONDS NOW

Iowa Hampshire Ass'n

SHOW: 10:00 A. M. **SALE: 1:00 P. M.**

Sale at Iowa state fair grounds hog barn

Des Moines, Ia., Sep. 28

50 Head — 25 Top Boars — 25 Good Open Gilts

A grand offering of high-class boars and gilts selected with care from the leading herds of the state. They are sired by great herd boars and out of wonderful brood sows. **HAMPSHIRES** . . . are the real meat type . . . growthy kind . . . out of prolific litters. The kind **COMMERCIAL** pork producers and **FARMERS** demand. Real quality and merit . . . the breeding is right. Plan now to attend. Ask for a **FREE** copy of the catalog of the show and sale. Kindly mention this publication. Address

WALLACE LANG, Secretary, BROOKLYN, IOWA

Helgens Poland Sale

Sale at farm

MONTICELLO, IOWA, OCT. 7th

50 HEAD — 35 BOARS — 15 GILTS

An excellent offering from one of the most reliable herds of the breed . . . where top quality Polands have been produced for years. All well-grown out of a grand sow herd. Sired by **NEW DELIGHT, THE RECOUNT** and **IOWA PRIDE.** The dams are daughters of **MATADOR, IOWA PRIDE, PATHMAKER KIND, THE HERO** and **THE RECOUNT.** Best of breeding. The quality will please our best hogmen. Plan to attend. Ask now for **FREE** catalog. Kindly mention this publication. Address

Helgens Brothers, Monticello, Iowa

POLAND CHINA SALE

Just over the Iowa line at the farm 3 miles south of

BEAVER CREEK, MINNESOTA

THURS. NIGHT, OCT. 6th

45 SPRING BOARS — 10 SPRING GILTS

A top offering of practical, easy feeding, medium type Polands that prove popular to the livestock farmer. They are the type that do well for others. Some real herd boar prospects in the offering. Mostly sired by **MOHICAN** by Comanche and by **TALISMAN** by Bouncing On. Make plans now to be our guest on the night of October 6th as we are confident that you will be pleased. Kindly mention this paper when writing for your **FREE** catalog.

VERNON KVALE, BEAVER CREEK, MINN.

Chester White Sale

at the Smith farm 4 miles east, 4 north and ¼ east of

PRIMGHAR, IOWA (Night) SEPT. 29th

35 SPRING BOARS — 20 SPRING GILTS

This is a combination sale from two herds that have always been tops in producing profitable, extra growthy Chesters. Only the very tops of these two good herds will be catalogued. Over 250 head to select from. Sired by such boars as **H. SPARKLING SENSATION,** 1948 Jr. Champ at Spencer, **MODERN KING,** 2nd at Minn., **DISTINCTION, KING VICTOR,** and **NAEFKE'S WHITE ACE.** Start with an early boar and gilt sale if you really want a top individual. A choice spring gilt will be given **FREE** to some one on the seats sale night. Ask for **FREE** catalog mentioning this paper.

CLARENCE SMITH, JR.
Primghar, Iowa

BEN ZISHKA
Spencer, Iowa

CHESTER WHITE SALE!

At farm 3 south on No. 63 and 4 miles east and ½ south, also 9 miles north of Oskaloosa and 4 east

NEW SHARON, IOWA, OCTOBER 5th

80 HEAD **30 CHOICE BOARS** **50 WONDERFUL GILTS**

A lot of big rugged boars and some grand gilts. Sired by **BROADWAY BOY** by Broadway; **MASTER'S CHAMP** by Master's Pride; **GOLD BOND** by White Gold and **MODERN TYPE** by Victory Low Down. Breeding from the leading herds, including grand champion blood lines. They are tops, well-grown, large maturing, well-balanced, sound on feet and legs. All immune. Guaranteed. If you want the best, please **COME.** Ask now for **FREE** catalog. Kindly mention this publication.

NICK TERPSTRA & SONS, R. 3, NEW SHARON, IOWA

YORKSHIRE HOG SALE

At farm 2 miles east ¾ mile north of

NEMAHA, IOWA, TUESDAY, OCT. 4th

100 HEAD **25 Bred Gilts and Sows With Litters** **Others Choice Boars and Open Gilts**

All of our own breeding, born and raised on the **Bjork & Cook** farm, Dexter, Minn., or **Merritt Cook & Son** farm, Nemaha, Iowa. Featuring the blood of **CRANE VALLEY LAD,** one of the largest boars of the breed, whose sire was imported from England, and **S. & M. PRINCE,** whose litters were winning barrows at Austin, Minn., and 1st and 2nd gilts at Indiana. They have extra length, vigor and substance that appeals to Commercial hog producers, desiring to Cross breed for production of the ideal lean meat type market hogs. Prolific, heavy milking mothers, gentle, real brood sows. They will board your sports. Ask for **FREE** catalog, it is of unusual interest to progressive pork producers. Write now. Kindly mention this publication.

MERRITT B. COOK, NEMAHA, IOWA

UNITED STATES SAVINGS BONDS BOUGHT NOW
PAY SURE DIVIDENDS

F. L. JACKSON & SONS

Spotted Poland China Sale

35 BOARS
15 CHOICE GILTS

SAC CITY, IOWA

NIGHT SALE

OCTOBER 6, 1949

We think these boars and gilts are the smoothest offering that we have ever put through a sale ring. We are selling 35 boars and 15 very choice gilts. You certainly will find a choice lot of boars to pick from in our sale. We have never had them do better for us than they have this year. We have about as many boars in this offering that will make good herd boars as we have ever sold in any of our sales and we have sold some good ones. These boars and gilts this year are sired by Grand View Prince, High Power and Master Way. We think this is about the nicest lot of boars and sows that we have ever sold in any of our public sales, and we want you to make it a point to be here at this sale. This sale will be held at night in the sale pavilion, and everything has been arranged for to take care of the crowd. We are selling some of the choicest gilts that we have ever listed for a public sale. Write us at once for catalog and please mention Wallaces' Farmer and Iowa Homestead. Address

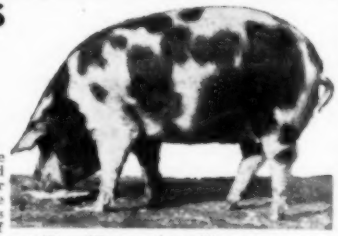
F. L. JACKSON & SONS, LYTTON, IOWA

M. T. White will represent the Iowa Homestead at our sale. Charley Taylor, Auctioneer.

VALLEY VIEW FARMS SALE

Spotted Poland Chinas

40 BOARS — 20 GILTS



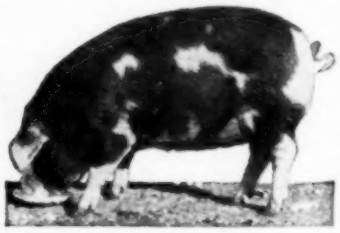
BLAIR, NEBR.
September 27th

A great offering of herd boar prospects, the 40 top boars out of 200 raised. They are sired by **NEW LOOK,** one of the greatest sires ever owned by Valley View Farms and we have had some of the breeds top boars. He has length, depth and thickness and is truly of the meat type. All his pigs show his high class quality. We are also selling some mighty good sons of **MASTER KEY,** a littermate to the South Dakota junior champion. Remember you are buying from a herd where top quality **SPOTTED POLAND CHINAS** have been produced for many, many years. We are going to guarantee you that you won't be disappointed in this great offering. Plan now to attend. Write for the FREE catalog. Kindly mention this publication. Address

NELSON & PAULSEN, BLAIR, NEBR.

Taylor & Martin, Auctioneers M. T. White, Fieldman

SPOTTED POLAND SALE



At farm ½ miles west of

EARLING, IOWA

FRIDAY, SEPT. 23rd

40 Boars — 20 Gilts

I will offer you pigs with bone, size and substance. I have a rugged set of boars and some gilts stout enough to do the job. Pigs are a nice color, very growthy and have balance and individuality. Mostly sired by **PRINCE CHARM** by Heavy Set. He was one of the top selling boars last fall and is a real breeding boar. Don't take my word for it, be on the seats and you will buy. Write at once for the free catalog and kindly mention this publication. Address

JACK ZIMMERMAN, EARLING, IOWA

Taylor and Martin, Auctioneers

R. V. BUNTING & SONS SALE

Spotted Poland Chinas

33 BOARS AND 27 GILTS

Corning, Iowa (Sale at the Farm) October 4

We think this will be one of the best offerings of Spotted Poland Chinas that will be sold in southern Iowa this fall. These are sired by **GOLDEN ARROW,** one of the great sons of Cover Stone and his dam was the great sow Silver Sides. This boar cost us $450 in the A. J. Andrews sale, and he has sired us some great pigs—some that will make outstanding herd boars. The others are sired by Polot, and he is one of the best sons of Crusader, a son of Invader and his dam is Lucky Lady, bred by Woodards. Then we have used another boar, **CLIMAX,** a son of Thick King. Remember we are selling in the afternoon and we would like to see you at our sale. Write for catalog at once and please mention Wallaces' Farmer and Iowa Homestead. Address

R. V. BUNTING & SON, CORNING, IOWA

9th Annual

Spotted Poland Sale

At farm

Lake Lillian, Minnesota, October 8th

Starting at 1:00 P. M.

80 HEAD Choice spring boars and gilts, the best we have ever sold . . . the easy feeding kind by **CHALLENGER,** one of the top sons of the $5,000.00 Challenge Me; **ALADDIN,** the top son of Mixer Thick and **G.'s DIAMOND T.** Others by 7 outstanding herd sires. 10 different blood lines unrelated. Plan to attend. Phone Cosmos, Minn. 2256. Ask for **FREE** catalog. Kindly mention this publication.

ALBERT KREMER, LAKE LILLIAN, MINNESOTA

Coming Livestock Sales

ABERDEEN ANGUS

Sept. 19—Central Iowa Breeders, Marshalltown, Iowa; Cary G. Mason, Secy.
Sept. 21—Central Illinois Breeders, Congerville, Ill.; S. E. Lantz, Secy.
Sept. 22—Leslie Oliver, Williamsburg, Iowa; J. B. McCorkle, Mgr., 3710 A. I. U. Bldg., Columbus, Ohio.
Sept. 23—Dispersion, W. J. Hanson, Holbrook, Iowa; sale at Iowa City.
Sept. 23—Floyd Grimm, Grand River, Iowa; sale at Mt. Ayr, Iowa.
Sept. 24—Harrison County, Missouri, Breeders; Harry Sheets, Mgr., Eagleville, Mo.; sale at Bethany, Mo.
Sept. 24—Minnesota Angus Assn., Montevideo, Minn.; C. C. Chase, Mgr., Pipestone, Minn.
Sept. 24—Marion County 4-H Opportunity Sale, Knoxville, Iowa.
Sept. 26—Wisconsin State Sale, Lancaster, Wis.; I. C. Perrin, Secy., Bloomington, Wis.
Sept. 30—Northeast Missouri Breeders, Memphis, Mo.; W. R. Dierks, Secy.
Oct. 1—H. Ward Benson, Milton, Iowa.
Oct. 6—R. A. Dye Farms, Wyanet, Ill.; J. B. McCorkle, Sale Mgr., 3710 A. I. U. Bldg., Columbus, Ohio.
Oct. 8—Mercer County Breeders, Aledo, Ill.; Hugh McWhorter, Sale Mgr.
Oct. 10—Inter-state Aberdeen Angus Assn. Sale, Sioux City, Iowa; P. K. Pratt, Secy. and Mgr., Walnut, Iowa.
Oct. 11—Botna Valley Breeders Assn.; sale at Atlantic, Iowa; J. E. Amdor, Mgr., Massena, Iowa.
Oct. 12—Dispersion Sale, Whittum & Heckelman, Stuart, Iowa.
Oct. 21—H. V. Hulsgard (Dispersion), Rochelle, Ill.
Nov. 7—Dispersion, C. C. Pickrell & Sons, Chariton, Iowa.
Nov. 14—Archer, Catterson and Evans; sale at Maryville, Mo.; Leo Archer, Mgr., Conception Junction, Mo.

HEREFORDS

Sept. 19—Illinois Hereford Breeders Futurity Show and Sale, Princeton, Ill.; E. Glenn Ash, Secy., Harristown, Ill.
Sept. 21—J. E. Cipra, Cromwell, Iowa; sale at Creston, Iowa.
Sept. 28—Wiese Bros., Donohoe, Iowa.
Sept. 28—L. C. Larsen & Sons, Hamlin, Iowa; sale at Audubon, Iowa.
Oct. 4-5—Sioux City, Iowa, Hereford Cattle Breeders Show and Sale; F. W. Ketelsen, Secy., Early, Iowa.
Oct. 8—T. G. Murray, Oxford Jct., Iowa.
Oct. 10—Glen & Lorren Burr, West Liberty, Iowa.
Oct. 11—Bianchi Hereford Ranch, Macon, Mo.
Oct. 13—Creston Hereford Breeders, at Orient, Iowa; Lloyd H. Woods, Mgr., Creston, Iowa.
Oct. 15—Dispersion, A. M. & D. M. McDonald, Dahl, Iowa.
Oct. 22—Marion County Hereford Breeders Assn.; Walter L. Brown, Mgr., Knoxville, Iowa.
Oct. 28—Northeast Missouri Association, Memphis, Mo.; Geo. E. Leslie, Jr., Secy.
Oct. 29—Wisconsin Hereford Breeders, Madison, Wis.; Homer Graber, Mgr., Mineral Point, Wis.
Nov. 26—Dan and Earl Schobert, Papillion, Neb.; sale at Sioux City, Iowa.

POLLED HEREFORDS

Sept. 26—Dispersion, Chas. Hart & Son, Conway, Iowa; sale at Lenox, Iowa.
Oct. 13—Werner Hereford Farms, San Jose, Ill.
Oct. 26—Hervale Farms, Leland W. Herman, Wayne, Neb.

SHORTHORNS

Sept. 20—Western Illinois Assn., Colchester, Ill.; Don Longley, Mgr., 16 S. Locust St., Aurora, Ill.
Sept. 23—G. J. Shutler (Dispersion), Woden, Ia.
Sept. 24—Minnesota State Sale, Marshall, Minn.; N. T. Findahl, Mgr., Waterville, Minn.
Sept. 26—Southwest Iowa Breeders, Red Oak, Iowa; Roy A. Gilman, Sale Mgr., Stuart, Iowa.
Sept. 27—Marshall County Breeders Assn., Marshalltown, Iowa; Geo. H. Lewis, R. 1, Mgr.
Sept. 29—Nicholas Cassens, Sigourney, Iowa.
Sept. 29—P. A. Rasmussen & Sons, Goldfield, Iowa; sale at Humboldt, Iowa; Merv Aegerter, Sale Mgr., Seward, Neb.
Sept. 30—Dispersion, Robert Wright, Carroll, Iowa; Merv Aegerter, Sale Mgr., Seward, Neb.
Oct. 1—Sorenson Bros., Estherville, Iowa; Merv Aegerter, Sale Mgr., Seward, Neb.
Oct. 3—Northwest Missouri Breeders, Rockport, Mo.; James Meyer, Mgr., Maryville, Mo.
Oct. 7—Breeders Sale, Abingdon, Ill.; Hal Longley, Mgr., 16 S. Locust St., Aurora, Ill.
Oct. 12—Fred Rathlisberger & Son, Elgin, Iowa; S. Joda & Son, Wadena, Iowa, and Ted Whitley & Son, Volga, Iowa.
Oct. 19—American Royal Sale, Kansas City, Mo.
Oct. 21—Eastern Iowa Breeders, Cedar Rapids, Iowa; Albert J. Hamann, Mgr., Rock Rapids, Ia.
Oct. 26—Carl Retzlaff, Walton, Neb.; Merv Aegerter, Sale Mgr., Seward, Neb.
Nov. 17—Central States Sale, Oskaloosa, Iowa; C. F. Stewart, Mgr., Rose Hill, Iowa.
Dec. 2—W. P. Lorenzen, Pilot Mound, Iowa; sale at Ogden, Iowa; Merv. Aegerter, Sale Mgr., Seward, Neb.

4-H SHORTHORN STEERS, HEIFERS

Oct. 8—Otto Thiede & Sons, Burton, Neb.; sale at Cherokee, Iowa.

POLLED SHORTHORNS

Sept. 20—Western Illinois Assn., Colchester, Ill.; Don Longley, Mgr., 16 S. Locust St., Aurora, Ill.
Oct. 1—Sioux Empire Show and Sale, Sioux Falls, S. D.; John F. White, Mgr.
Oct. 5—Iowa Polled Shorthorn Club, Inc., Show and Sale, Des Moines, Iowa; Earl S. Girton, Mgr., Box 282, Marshalltown, Iowa.
Oct. 6—Albert Hultine & Sons' 50th Anniversary Sale, Saronville, Neb.; sale at Lincoln, Neb.; Merv F. Aegerter, Sale Mgr., Seward, Neb.
Oct. 21—Missouri State Sale, Sedalia, Mo.; Rollo Singleton, Secy., Columbia, Mo.

MILKING SHORTHORNS

Sept. 20—Iowa State Sale, Des Moines, Iowa; F. A. Mitchell, Secy., Reinbeck, Iowa.
Sept. 26—Dissolution Sale, Parkmoor Farms, Hooper, Neb.; sale at Fremont, Neb.
Oct. 15—Dispersion, Roy L. Waterhouse, Stanley, Iowa; sale at Mason City, Iowa; Roy A. Cook, Sale Mgr., Independence, Iowa.
Oct. 19—Minnesota State Sale, Mankato, Minn.; R. E. Hodgson, Secy., Waseca, Minn.

DAIRY CATTLE

Sept. 21—Twenty-third Annual Guernsey Sale, Wellman, Iowa; Truman Erb, Mgr.
Sept. 26—Brecroft Guernsey Dispersion, Logan, Iowa.
Sept. 29—Night Sale, Northeast Kansas District Ayrshire Sale, Ottawa, Kan.
Oct. 1—Dwight Somers (Holstein Dispersion), Faribault, Minn.; G. R. Mellin, Sale Mgr., 4529 Bryant Ave. S., Minneapolis, Minn.
Oct. 17—Iowa Holstein State Sale, Waterloo, Iowa; Dallas V. McGinnis, Secy., 912 Waterloo Bldg.
Oct. 20—Southeast Iowa Ayrshire Club, Wellman, Iowa; Lyle E. Yoder, Mgr., Kalona, Iowa.
Oct. 24—Alfred Paper (Holstein Dispersion), Stockton, Iowa; sale at Davenport, Iowa; A. W. Petersen, Sale Mgr., Oconomowoc, Wis.
Oct. 28—Merry Acres Jersey Dispersion, O. T. Wilson, Mt. Pleasant, Iowa; Ivan N. Gates, Sale Mgr., West Liberty, Iowa.
Oct. 31-Nov. 1—Maxting Farms, Newton, Iowa; Dispersion Sale at Des Moines, Iowa; A. W. Petersen, Sale Mgr., Oconomowoc, Wis.

FEEDER CALVES

Oct. 3—Herefords, Unionville, Mo.—Don C. Pollock, Mgr., Unionville, Mo.
Oct. 4-5—Angus, Unionville, Mo.—Don C. Pollock, Mgr., Unionville, Mo.
Oct. 6—Angus, Bethany, Mo.—D. D. Johnson, Mgr., Bethany, Mo.

LIVESTOCK FIELDMEN

M. T. WHITE, 604 No. Fortieth St., Omaha, Nebraska; Phone Walnut 1056.
J. E. HALSEY, 1912 Grand Ave., Des Moines.
M. W. POSEY, Box 740, Storm Lake, Iowa; Phone 970-R.

We publish the FIRST and THIRD Saturday of every month. Copy for livestock advertising must reach our office FIFTEEN days before date of issue.

Around the Farm AND IN THE Feed Lot

by E. A. KELLOWAY

SOYBEAN HARVEST TIME is here. Soybeans have a place in the hog ration on some farms, but they must be fed whole and in limited amounts, and they should be accompanied by corn, minerals and good pasture. E. L. Quaife, Ames hog specialist, advises not more than 7 per cent of beans in the ration and says pigs weighing 100 pounds or more will use beans to best advantage. Remember, though, that corn, minerals and pasture are essential and that more than 7 per cent beans may affect carcass value.

NOW THAT MOST of the 1949 county 4-H shows, as well as the State Fair exhibit, are history, it's interesting to note the large number of entries the youngsters displayed at the various fairs. State 4-H leaders report more than 12,500 baby beeves fed out, along with over 5,300 dairy heifers and a very large number of pigs, in market and in breeding projects. Our hats are certainly off to the youngsters for the good job done in the shows already over, and for the exhibits yet to be made this month and at the Waterloo Dairy Cattle Congress next month.

THE QUALITY, which has marked Walnut Grove Mineral since the first bag was mixed, still continues. It is a quality that produces results in the feedyard—the kind of results that customers like to see. Among our many customers in Osceola county who believe in this quality and feed Walnut Grove, we find Bench Schram, Paul Newman, Bracksma Bros., Floyd and Clark Wolter, A. J. Gacke and Emil Hargens. M. J. Cronin, of Sibley, handles this business for us.

MOST DAIRYMEN will agree that one of the biggest advantages of artificial insemination of dairy cows is the grading up of the herd. Artificial breeding associations provide widespread use of superior sires, and at lower cost and more convenience than keeping a herd bull. For the small operator it means having the benefit of a top-notch bull, which he otherwise couldn't afford. This means better calves coming up to take their place in the herd. Iowa and other midwestern states have seen a huge increase in the breeding associations in recent years.

PUREBRED CATTLE have again been imported in rather large numbers this past year. The Bureau of Animal Industry speaks of a total of around 45,000 head, including cattle, sheep, hogs, horses and goats. By far the largest imports were cattle—close to 40,000 head altogether. Holstein imports headed the dairy list and Shorthorns topped the beef cattle imports. Most of the stock came from Europe, although Canada and Australia also sent some choice herd sires and dams our way, including nine pedigreed "billy goats."

CENTENNIAL celebrations are being held in a number of midwestern communities this year. Warren county recently held its 100th year "birthday party" with old-fashioned dresses worn by many of the ladies, and with whiskers all over the men's faces. Pleasantville recently observed its centennial with an amazing display of old-fashioned tools and equipment, including an old reaper, wooden pitch-forks, ox-yokes, spinning wheels, dasher churns and even a 150-year-old bed.

LIGHTNING is the leading cause in the disastrous scourge of barn fires in the midwest every summer and fall. Iowa Farm Safety Specialist Norval Wardle reminds us that virtually all such fires can be prevented, simply by proper lightning rod protection. Lightning rods don't keep lightning from striking, but they do channel the bolt right into the ground, thus averting loss to buildings, stock and to those working in or around the barns.

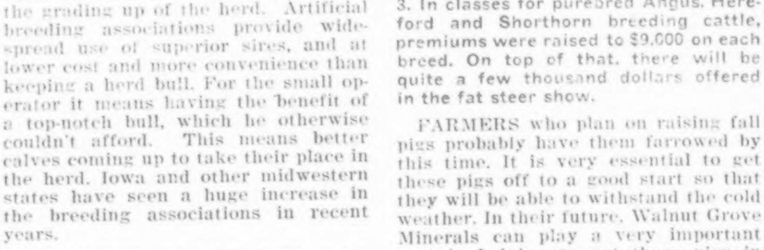
PRACTICALLY ALL farmers now realize the necessity of feeding minerals to all their livestock. Walnut Grove makes minerals for hogs, cattle, sheep and poultry. Among our many customers in Marshall and Hardin counties, who use our minerals in their feeding rations, are Harold Marsh, R. E. Bernard, Clarence Bloome, J. R. Dunn, Harry Dunn, Carroll Hobson and Boyd Reese. Our representative in this territory is Harry Faris, New Providence, who looks after this business.

MUCH TRACTOR FUEL is wasted each year because of improper carburetor adjustment, Dale Hull, Iowa State College agricultural engineer, says too many farmers will not wait for a tractor to warm up before putting it under load. They open the carburetor load adjustment to get an over-rich mixture, and then, even when the engine warms up, let the incorrect adjustment go all day long, losing 10 per cent of the fuel. Saving 10 per cent in the year's fuel bill adds up to quite a lot—and all it takes is proper carburetor adjustment and sensible tractor handling.

INTERNATIONAL Livestock Exposition officials recently announced some substantial increases in prizes for the 1949 International Beef Show, at Chicago, November 26 to December 3. In classes for purebred Angus, Hereford and Shorthorn breeding cattle, premiums were raised to $9,000 on each breed. On top of that, there will be quite a few thousand dollars offered in the fat steer show.

FARMERS who plan on raising fall pigs probably have them farrowed by this time. It is very essential to get these pigs off to a good start so that they will be able to withstand the cold weather. In their future, Walnut Grove Minerals can play a very important part in helping to put these pigs in thrifty condition. Some of our customers in Buchanan, Bremer and Black Hawk counties, who have Walnut Grove in their feeding rations, include Ed Reising, William Wierck, Herbert Albrecht, Ray Beisner, Henry Reiten, John Shields, and Joe Duffy. These men receive their Walnut Grove service through our representative in that territory, Julius Friedrich.

CHRISTIAN Rural Overseas Program workers have set another high goal for food contributions by Iowans this fall. At a recent state-wide meeting, it was planned to ship 450 cars of produce to hungry nations this winter. Last year's goal was 300, but Iowa farmers actually sent 393 cars. Incidentally, the luncheon served at the meeting was an effective reminder of conditions in some other lands. Thin soup, dry bread and no meat or dessert helped everyone realize the need for helping others, and emphasized again how wonderful it is to live and eat in America.



Coming Livestock Sales
(CONTINUED)

FEEDER CALVES (Continued)

Oct. 6—Herefords, Bethany, Mo.—D. D. Johnson, Mgr., Bethany, Mo.
Oct. 7—Angus, Milan, Mo.; Sam Rowe, Mgr., Milan, Mo.
Oct. 7—Herefords, Milan, Mo.—Sam Rowe, Mgr., Milan, Mo.
Oct. 8—Angus, Princeton, Mo.—Raymond Carroll, Princeton, Mo.
Oct. 8—Herefords, Princeton, Mo. — Raymond Carroll, Mgr., Princeton, Mo.
Oct. 10—Central Missouri Sales, Fayette, Mo.
Oct. 11—Central Missouri Sales, Columbia, Mo.
Oct. 13—Central Missouri Sales, Montgomery City, Mo.

BERKSHIRES

Sept. 26—Night Sale at Sioux Falls, S. D. Eugene Spielman, Harrisburg, S. D.
Oct. 17—Milo Wolrab, Mt. Vernon, Iowa.

CHESTER WHITES

Sept. 27—Dispersion, Henry Jurgensen, Olin, Iowa. Miller, Janesville, Iowa.
Sept. 28—Night Sale, Cedardell Farm, Harold W.
Sept. 29—Night Sale at Primghar, Iowa. Clarence Smith, Jr., Primghar, Iowa, and Ben Zishka, Spencer, Iowa.
Oct. 1—A. L. Bidne & Son, Lake Mills, Iowa.
Oct. 5—Nick Terpstra & Sons, New Sharon, Iowa.
Oct. 7—Night Sale, Ted Trowbridge, Marshalltown, Iowa.
Oct. 10—Night Sale, Joe Madden, Maryville, Mo.
Oct. 12—Night Sale at Waterloo, Iowa. Robert Lanigan, Fairbank, Iowa.
Oct. 14—Night Sale, McBride Farms, Panora, Iowa.
Oct. 14—R. A. Riemenschneider, Kingsley, Iowa.
Oct. 15—Night Sale, Ross O. Willey & Son, Onawa, Iowa.
Oct. 18—Night Sale at Waverly, Iowa. A. H. Petersen, Waterloo, Iowa.
Oct. 18—Walter Schmitke & Son, Van Horne, Iowa.
Oct. 21—C. T. Keen & Sons, Legrand, Iowa.
Oct. 21—Night Sale, Wills & Vust, Sibley, Iowa.

DUROC JERSEYS

Sept. 19—Night Sale, Oliver Bricker, Farragut, Iowa.
Sept. 29—Ben Ivins, Corydon, Iowa.
Oct. 1—White Cap Farms, Verl Ringgenberg, Mgr., Box 501, Storm Lake, Iowa.
Oct. 3—Night Sale, Carl Hebner, Goldfield, Ia.
Oct. 3—Night Sale, Pearson Stock Farm, Radcliffe, Iowa.
Oct. 4—Klein & Neubauer, Iowa Falls, Iowa.
Oct. 5—Gregor F. Vaske & Sons, Dyersville, Iowa.
Oct. 6—A. R. Thomas & Son, Iowa City, Iowa.
Oct. 7—Harold C. Timm, Muscatine, Iowa.
Oct. 8—Knoteck Bros., Riverside, Iowa.
Oct. 10—Juhl Bros., Luverne, Minn.
Oct. 11—Bert Brock & Sons, Sioux Center, Iowa.
Oct. 14—Night Sale, E. R. LaRue, Dows, Iowa.
Oct. 19—Bert Miller, Lisbon, Iowa.
Oct. 20—W. H. Helmke & Sons, Renwick, Iowa.
Oct. 22—Night Sale, S. C. Schrage, Eagle Grove, Iowa.

HAMPSHIRES

Sept. 28—Iowa Hampshire Assn., Des Moines, Ia.; Wallace Lang, Secy., Brooklyn, Iowa.
Oct. 3—Night Sale, Allen Lang & Son, Brooklyn, Iowa.
Oct. 5—Orben Schoff, Lost Nation, Iowa.
Oct. 8—Emery Riemenschneider, Pierson, Iowa.
Oct. 10—O. W. Jones & Son, Ute, Iowa.
Oct. 10—Night Sale, Franz Bros., Grand Junction, Iowa.
Oct. 12—Night Sale, Dale McGraw, Pleasantville, Iowa.
Oct. 14—Raymond Daggett, Conrad, Iowa, and Howard Soorholtz & Son, Melbourne, Iowa; sale at Marshalltown, Iowa.
Oct. 18—Night Sale, George Lorenz, Wells, Minn.
Oct. 19—Fred Michaelson, Ida Grove, Iowa.
Oct. 28—Night Sale, Maurice Weitz, Webster City, Iowa.
Oct. 29—Night Sale, Cecil Wilson, Lennox, Iowa.

HEREFORD HOGS

Oct. 11—National Show and Sale, Marshalltown, Iowa; Harris Sellers, Jr., Secy., Chariton, Iowa.

MINNESOTA NO. 1

Sept. 20—McAllister Seed Farms, Mt. Pleasant, Iowa.
Oct. 14—Night Sale, Clarence R. Hildebrand, Woodstock, Iowa.

POLAND CHINAS

Sept. 27—Night Sale, O. J. Hess, Worthington, Iowa.
Sept. 28—J. J. Huber, Coggon, Iowa, and John Sutschek, Ryan, Iowa.
Sept. 30—Chalmers Farm, Mason City, Iowa.
Oct. 6—Night Sale, Vernon Krale, Beaver Creek, Minn.
Oct. 7—Helgens Bros., Monticello, Iowa.
Oct. 11—Eugene Dugan, Storm Lake, Iowa.
Oct. 11—Night Sale, K. L. Burg, Ruthven, Iowa.
Oct. 11—Leo Hay, Anamosa, Iowa, and Edw. C. Forest & Sons, Mt. Vernon, Iowa; sale at Mt. Vernon, Iowa.
Oct. 12—Night Sale, Brown & Brown, Hampton, Iowa.
Oct. 12—Night Sale, Walter H. Busse, Oakland, Iowa.
Oct. 24—Night Sale, Louis H. Reilly, Lone Rock, Iowa; sale at Algona, Iowa.
Oct. 26—Night Sale, F. L. McKay, Ida Grove, Iowa.
Oct. 29—L. R. McClarnon, Braddyville, Iowa.

SPOTTED POLAND CHINAS

Sept. 22—Niebaus Bros., Greene, Iowa; sale at Allison, Iowa.
Sept. 23—Jack Zimmerman, Earling, Iowa.
Sept. 27—Nelson & Paulsen, Blair, Neb.
Sept. 29—Nicholas Cassens, Sigourney, Iowa.
Oct. 1—Night Sale, I. C. Lister & Sons, Bloomfield, Iowa.
Oct. 3—John Claussen & Son, R. 3, Davenport, Iowa.
Oct. 4—R. V. Bunting & Son, Corning, Iowa.
Oct. 3—Night Sale, Julius F. Roths, Rock Rapids, Iowa.
Oct. 6—F. L. Jackson & Sons, Lytton, Iowa; sale at Sac City, Iowa.
Oct. 7—Night Sale, Karl E. Carlson, Lakefield, Minn.; sale at Spencer, Iowa.
Oct. 7—Night Sale, Fred Goodchild & Sons, Mallard, Iowa.
Oct. 8—Albert Kremer, Lake Lillian, Minn.
Oct. 10—Night Sale at Edgerton, Minn. A. Lopau & Sons, Pipestone, Minn.
Oct. 11—Earl Kellogg & Sons, Winfield, Iowa.
Oct. 11—Night Sale, Gerritt Kempers & Son, Hull, Iowa.
Oct. 12—A. J. Anderson & Sons, Kellogg, Iowa.
Oct. 12—Night Sale, Walter Woodyard & Son, Indianola, Iowa.
Oct. 14—Lyle Stokes, Conway, Iowa.
Oct. 15—Night Sale, Norris Voge, Walnut, Iowa.
Oct. 17—Night Sale, Leland B. Dellinger, Shell Rock, Iowa; sale at Waverly, Iowa.
Oct. 18—Ben C. & Maurice Fitzer, Luverne, Minn.
Oct. 18—Night Sale, Fred Goodchild & Sons, Mallard, Iowa.
Oct. 18—Night Sale, Harvey C. Larsen, Elk Horn, Iowa; sale at Harlan, Iowa.
Oct. 19—Night Sale, Fitzgerald Bros., Boone, Ia.
Oct. 21—Night Sale, Clifford Pitstick, Jolley, Iowa; sale at Sac City, Iowa.
Oct. 24—Night Sale at Sibley, Iowa. Kenneth R. Dingel, Ocheyedan, Iowa.
Oct. 25—Night Sale, Norris Voge, Walnut, Iowa; sale at Harlan, Iowa.
Oct. 26—Night Sale, McElroy Bros., Afton, Iowa.
Oct. 26—Alvin Sunderman & Sons, Clarinda, Iowa.
Nov. 10—Night Sale, R. A. Faber & Sons, Moravia, Iowa.

YORKSHIRES

Sept. 28—Maryland Farms, East Moline, Ill.
Oct. 1—Night Sale, Yalehurst Farm, Peoria, Ill.
Oct. 4—Merritt R. Cook, Nemaha, Iowa.
Oct. 7-8—National Yorkshire Show and Sale, Davenport, Iowa; American Yorkshire Club, Mgrs., Wallace Bldg., Lafayette, Ind.

SHEEP

Sept. 19—W. F. Renk & Sons (Shropshire Dispersion), Sun Prairie, Wis.
Sept. 19—Mahaska Purebred Sheep Breeders Ram Sale, Oskaloosa, Iowa; Wilbur Colville, Secy., Cedar, Iowa.
Oct. 26—Dakota-Minnesota Breeders Assn. (Columbias), Watertown, S. D.; E. M. Gregory, Mgr., 701 Black Bldg., Fargo, N. D.

The Tank Truck

"American Farmer" John Cleaton, left, and his father, B. A. Cleaton, sort tobacco on their Virginia farm, where Conoco Products are used exclusively.

Besides tobacco and corn, the Cleatons also raise peanuts, wheat, cotton and livestock. Son John, at left, graduated from high school with an average of 98!

Dependable as Death and Taxes

"I've been using Conoco Products for 21 years and, by golly, there's none better," says B. A. Cleaton, Petersburg, Va. "Both the products and the service of H. H. Matthews, Conoco Agent, are as dependable as are death and taxes."

Mr. Cleaton and his son, John, operate a 500-acre farm with one other son, Buster. But they have another partner, too—the F. F. A. John has been a Future Farmer for many years, and his list of awards and offices takes 2 pages to list. His highest honor is probably his American Farmer degree, but he has also won 2 awards from Sears, Roebuck, one from Seaboard Railway, and has held many offices in the State and regional F. F. A.

"When John comes home from F. F. A. with a good idea," Mr. Cleaton reports, "we immediately put it into practice, and they always turn out right.

"John will not use any other products in our equipment except Conoco Products. I usually average around 30,000 miles per year on all my equipment, and my repair bills run way below those of my neighbors that use other brands.

"I had a Fordson tractor that I operated for 17 years without any trouble at all. At the end of the 17 years I had a mechanic tighten the bearings on it and he remarked that it had the cleanest engine that he had run across in his long years of repair work. John and myself are never worried about our machinery breaking down due to poor lubrication."

The reason the Cleatons don't have to worry is because their engines are OIL-PLATED with Conoco N^{th} Motor Oil. You see, there's a special ingredient in Conoco N^{th} that puts an extra film of lubricant right on the working parts of their engines—fastens it there so that it can't all drain down, even when the machines stand idle. This *extra* protection, which can be obtained only with Conoco N^{th} oil, means that there's always a film of lubrication on the metal, even if the oil itself is squeezed out by heavy loads.

Why don't you save your machinery this way, too? Call your Conoco Agent for some Conoco Products today. Then you, too, will say: "There's none better, by golly!"

Tries 9 - Stays with Nth

"With 30 years' experience in operating mechanical equipment," reports Ben F. Dunn, Coleman, Tex., "I have found economy in using the best petroleum products. During this time I have thoroughly tested 9 different oils and greases. *For the past 7 years I have used Conoco N^{th} Motor Oil and other Conoco Products.*" So if laboratory experiments seem a little hard to understand, why not take the word of this Texas farmer, who has found out for himself that, of 9 different motor oils, Conoco N^{th} Motor Oil is the *most* economical.

No Loose Rods With Nth

"I had considerable trouble with the rods getting loose in the F-20 tractor," writes Arthur L. Hininger, Liberal, Mo., "*until* I changed to Conoco N^{th} Motor Oil. Since changing to Conoco N^{th} over 7 years ago, I have never had a loose rod. When my son purchased a Farmall M, we stepped up our farming to over 600 acres of grain. Our only expense on the M has been spark plugs and points—except one set of back tires, which were completely worn out. I have several neighbors who now use Conoco oils and gasoline after watching our experience."

Salmon Sticks

...by Mrs. H. G. Snodgrass, Byng, Oklahoma

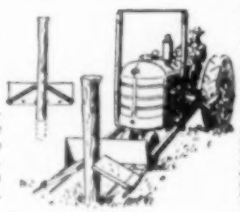
1 can pink salmon
½ cup evaporated milk
¼ cup mashed tomatoes (canned)
½ cup cheese (creamed)
2 ts. chopped dill pickles
1 t. lemon juice
½ cup English walnuts (chopped fine)
3 ts. chopped celery
3 cups rolled crackers
Dash of salt and pepper

Add to the salmon the milk, tomatoes, cheese and celery. Blend thoroughly. Next add the pickles, salt, pepper and blend until creamy. Then add cracker crumbs until the mixture is quite stiff. Roll into 3-inch-long sticks, then roll in the nuts. Bake until brown. Makes about 15 sticks.

Send your favorite recipes to Mrs. Annie Lee Wheeler, Conoco Cafeteria, Ponca City, Oklahoma. A $7.50 pair of Wiss Pinking Shears awarded for every recipe published with your name. All recipes become property of Continental Oil Company.

FARM KITCHEN

Post Puller



To pull posts with a tractor hydraulic loader, take out two middle teeth, hinge two 2-inch planks to outside teeth with strap iron loops. Planks will bind on post, rest on next-to-out-side teeth, says Earl W. Wright, Fountain City, Ind.

Saves Chickens

To keep rats and skunks out of hen house, make wire runway 14" square extending out 4' from wall. Make bottom of hardware cloth, sides and top of poultry netting. Set your chute 24" from ground, so small animals can't reach it, suggests Arthur R. Nagel, R. 2, San Antonio, Tex.

PRIZES FOR IDEAS!

Send your original ideas to *The Tank Truck* in care of this paper—and get a genuine $8 D-15 Henry Disston Hand Saw for every idea that's printed!

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